

**Safe Drinking Water State Revolving Fund**  
**1999 Multi-Year Project Priority List**

**SRF Category:   A**

Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
0	S	0	0000000   No systems	00			\$0

**Total Projects for 'Category' = A (1 Project)**

**Total Costs for Category:   \$0**

**SRF Category: B**

Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
45	P	186	0400065 Spring Valley School	01	Installation of 1.9 mile pipeline to connect to Del Oro Lime Saddle WD.	1998	\$1,250,000
40	C	25	0011121 TUD-EXPEDITION DR. DITCH CONVEYANCE	01	INSTALL WATER LINES TO CONNECT THE INDIVIDUAL DITCH CUSTOMERS TO TUD'S SCENIC VIEW WATER SYSTEM.	1998	\$35,000
40	C	30	0011125 TUD-LOWER COLUMBIA DITCH CONVEYANCE	01	INSTALL A PUMP STATION, TANK, AND PIPELINES FROM TUD'S COLUMBIA WATER SYSTEM TO SERVE THE INDIVIDUAL DITCH CUSTOMERS.	1998	\$318,000
40	C	40	4500104 Sunrise Mobile Home Park	02	Consolidate with the nearest large water system.	2000	\$80,000
40	C	40	5200545 Modern Village MWC	01	Connect to City of Red Bluff water system.	1998	\$0
40	C	60	0011122 TUD-SAN DIEGO DITCH CONVEYANCE PROJ	01	INSTALL WATER LINES FROM TUD'S COLUMBIA WATER SYSTEM AND INSTALL A STORAGE TANK TO SERVE THE INDIVIDUAL CUSTOMERS.	1998	\$225,000
40	C	80	0011127 TUD-RAILBED DITCH CONVEYANCE PROJEC	01	INSTALL A WATER LINE, PUMP STATION, STORAGE TANK, AND SERVICE LINES TO SUPPLY TREATED WATER FROM TUD'S JAMESTOWN SYSTEM TO THE INDIVIDUAL DITCH CUSTOMERS.	1998	\$332,000
40	C	3500	5510013 TUD-COLUMBIA	05	CONSTRUCT A WATER MAIN EXTENSION FROM THE COLUMBIA SYSTEM INTO THE SHAWS FLAT COMMUNITY.	2000	\$210,000
30	C	308	3601011 GOLDEN POND RV/M OVERLAND	01	Construct connection to City of Adelanto, replace distribution system	1998	\$164,000
25	C	150	3301477 ONE HUNDRED PALMS RESORT	01	Want to be on list	1998	\$0
25	C	165	0400081 Feather Ridge Estates Water Co.	01	Drill two new wells and replace existing 20,000 gallon storage tank.	1998	\$0
25	C	195	5400814 MADONNA MUTUAL WATER CO.	01	Drill a new well. OTHER- Design and Construction	1998	\$300,000
25	C	210	5200562 Ponderosa Sky Ranch	01	Replace present (old) 30,000 gallon tank with 100,000 gallon tank. Install new well with pump for standby. Install hydroneumatic system on pressure tank. Install chlorination system.	1998	\$85,000
25	C	325	1000252 SIERRA MOBILE HOME PARK	01	INSTALL AN INTERCONNECTION TO THE CITY OF FRESNO.	1998	\$75,000
20	C	30	0011124 TUD-CATTLE DRIVE DITCH CONVEYANCE P	01	CONSTRUCT A WATER TREATMENT PLANT, STORAGE TANK, AND PIPELINES TO SERVE THE INDIVIDUAL DITCH CUSTOMERS.	1998	\$157,000
20	C	30	0011123 TUD-MOUNTAIN BOY RD. DITCH CONVEYAN	01	CONSTRUCT A WATER SYSTEM WITH A WATER TREATMENT PLANT, STORAGE, AND PIPELINES; OR EXTEND WATER LINES FROM THE BIG HILL WATER SYSTEM TO SERVE THE DITCH CUSTOMERS.	1998	\$132,000
20	C	40	3103265 WHITE OAK MUTUAL	01	To connect to the recently constructed PCWA Applegate water treatment water system.	1998	\$153,010
20	C	40	1100254 Voyles Trailer Park	01	Drill new well.	1998	\$50,000
20	C	50	2900502 FLORISTON WATER	01	Treatment (filtering) facility should be installed. Design and construction involved.	1998	\$100,000
20	C	80	5200570 Surrey Village Water Company, Inc.	01	Study problem. Replace/refurbish well, mains, and booster pumping system. Install emergency power.	1998	\$0
20	C	89	4500235 Woodridge Mutual Water	02	Drill a replacement well.	2000	\$60,000
20	C	100	0500004 RAILROAD FLAT MOBILE HOME PARK	01	CONSTRUCT NEW WELL, TANKS, AND REPLACE DETERIORATED DISTRIBUTION SYSTEM.	1998	\$25,000

**SRF Category: B**

Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
20	C	100	5800572 FAIRWAY DOWNS	01	Install chlorination system.	1998	\$2,000
20	C	101	1100445 Orland MHP	01	Drill new well and install new electrical and holding tank.	1999	\$15,000
20	C	110	1100203 Artois CSD	01	Drill a new well.	1998	\$30,000
20	C	160	4500173 Cassel Park MWC, Inc.	01	Purchase a vacant lot and drill a new well which will meet bacterial MCL. Bacterial contaminated well can then be abandoned.	1998	\$60,000
20	C	180	0011120 TUD-DITCH CONVEYANCE CONVERSION PRO	01	INSTALL INDIVIDUAL WATER TREATMENT DEVICES OR WELLS.	1998	\$1,200,000
20	C	450	0600013 Princeton Water District	03	Install chlorination system on two wells.	1999	\$2,000
20	C	450	0600013 Princeton Water District	04	Drill two new wells for the community water system.	1999	\$60,000
20	C	5851	1310005 Holtville - City of	05	See attached description (attachments 2).	2002	\$2,079,878
20	C	5851	1310005 Holtville - City of	03	Annexation of service area. See attached description and water system improvement map (attachments 2 and 3). Attachment 4	1998	\$2,537,948
20	C	5851	1310005 Holtville - City of	02	Annexation of service area. See attached description and map (attachments 2 and 3).	1999	\$2,805,985
20	C	8500	3310003 Blythe - City of	01	Construct a new water facility including supply wells, filtration, storage reservoirs, and a distribution pipeline loop. (see attached documentation).	1998	14,727,000
20	N	25	5700720 FAYE RANCH PROPERTIES	01	Find source and stop access; replace well. Study and design.	1998	\$40,000
20	N	25	3302019 BUNDY CANYON CHRISTIAN SCHOOL	01	Consolidation, connect to existing adjacent public water system. Dissolve existing water system.	2000	\$115,000
20	N	100	1900045 THOUSAND TRAILS/SOLEDAD CYN PROBATI	01	DRILL DEEPER WELL, REPLACE CASING, REPLACE RESERVOIR COVER, TAP INTO COUNTY WATER SUPPLY.	1998	\$9,000
15	C	45	2210921 Whispering Pines Apartments	01	RECONSTRUCT THE WELL, UPGRADE THE DISTRIBUTION SYSTEM, CONSTRUCT ADDITIONAL STORAGE, AND INSTALL A CHLORINATION SYSTEM.	1998	\$185,000
15	C	350	3700923 LAKE MORENA OAK SHORE	01	Replace faulty pipe.	2000	\$150,000
15	P	60	1300556 MULBERRY UNION SCHOOL DIST	02	Treat water for drinking purposes through construction of filtration mechanism.	2000	\$50,000
15	P	60	4500162 Indian Springs School	01	Install a batch system for chlorination and disinfection with point of use filter to meet bacterial MCL. Replace failing distribution system.	1998	\$10,000
10	C	200	5400701 SEQUOIA CREST MUTUAL WATER COMPANY	01	REPLACE TANKS WITH NEW 150,000 GALLON STORAGE TANK	1998	\$75,000
10	C	250	2210901 Coulterville CSA 1	01	DEVELOP ANOTHER SOURCE AND INSTALL A CHLORINATION SYSTEM.	1998	\$75,000
10	C	450	4810010 Solano Irrigation District	01	Construction of a central water treatment plant for all water used in GCID.	1998	\$2,127,300
10	C	540	5700536 BARTHEL'S MOBILE RANCH	01	Connect with City of Davis	1999	\$138,000
10	C	3600	0310003 Amador County Water Agency-Sutter Creek	01	PROVIDE POTABLE WATER TO AREA. OTHER = DESIGN AND CONSTRUCTION	1998	\$1,200,000

**SRF Category: B**

Bonus	Type	Pop	System # and Name		Pre-App	Project Description	FY	Cost
10	P	60	5700714	YOLO COUNTY AIRPORT	01	Abandon old well and install a new one.	1998	\$325,000
10	N	50	3400137	Lincoln Chan Farm	01	Install new pipes, install new well, and a storage tank.	1998	\$30,000
10	N	500	2700999	Oak Park	03	Purchase and install chlorination unit.	2000	\$7,000
5	C	42	3701780	RICHARDSON-BEARDSLEY INC	01	Replace defective piping and tank and drill new well to community standards; install appropriate backflow devices, as needed.	1998	\$80,000
5	C	75	2900510	GRANITEVILLE WATER WORKS	01	Design and implement conversion of antique system to provide clean water at adequate pressure.	1998	\$260,360
5	C	3300	2010005	YOSEMITE SPRING PARK UTIL CO	01	DRILL NEW WELLS, INSTALL AUTOMATIC OPERATING AND MONITORING CONTROLS , AND MAKE DISTRIBUTION SYSTEM IMPROVEMENTS.	1998	\$2,000,000
5	P	68	4500190	OAK RUN ELEMENTARY SCHOOL	01	Drill a new well.	2000	\$2,500
5	P	1300	0400066	Durham High School	01	Replacement of well, pressure tank and delivery lines - some additional delivery lines.	1998	\$278,000
5	N	145	5301102	Trinity Knolls Mutual Water	01	Install chlorination system. Repair Swift Creek headworks.	1998	\$50,000
5	N	225	3000811	Crescent Water Association	01	Rehabilitate well, video-log	1998	\$72,500
5	N	400	0900614	Beaver Point Water System	01	Simplest solution: Connect to El Dorado Irrigation District.	1998	\$80,000
0	C	35	4100551	FLOWER COMPANY/CAMPINOTTI RANCH	01	Water treatment	1998	\$75,000
0	C	45	1900827	HILLCREST MOBILE HOME PARK	02	Rehabilitate existing offsite well, drill and equip new well, install new transmission piping, install new storage facility.	2000	\$400,000
0	C	46	0400078	Forest Knoll	01	Installation of two new 30,000 gallon steel tanks above ground or repair existing tank.	2000	\$60,000
0	C	50	1900717	CASA DULCE ESTATES	03	Study source of bacteriological contamination.	2000	\$5,000
0	C	50	1900717	CASA DULCE ESTATES	02	Design and Install Chlorination System, rehab the well	2000	\$20,000
0	C	100	4800572	Trailer City	01	Hook-up to City of Vallejo water system.	1998	\$625,000
0	C	150	1900903	SLEEPY VALLEY WATER CO INC	02	Rebab wells, upgrade to minimize flooding, replace reservoir and distribution system.	2000	\$684,000
0	C	250	1910099	PARADISE RANCH MOBILE HOME PARK	02	STUDY, DESIGN AND CONSTRUCT WATER TREATMENT FACILITY TO IMPROVE WATER QUALITY.	1998	\$400,000
0	C	250	1910099	PARADISE RANCH MOBILE HOME PARK	05	DRILL TEST WELLS TO LOCATE BETTER WATER SOURCES.	1998	\$50,000
0	C	250	1910099	PARADISE RANCH MOBILE HOME PARK	06	DRILL NEW WELLS AS PER INFORMATION FROM TEST DRILLING.	1998	\$50,000
0	C	450	0004311	SID/Rural Residential Point	01	Build batch water treatment plant, hand over the customers to a nearby city for water service, or improve POEs.	1999	\$1,450,000
0	P	250	3700978	SAN PASQUAL UNION SCHOOL	01	Develop new safe well as primary source. Test well to be drilled first to verify water quality. It may be necessary to purchase property (or an easement) if possible wells site: on land already owned by school demonstrates unacceptable water quality	1998	\$100,000

SRF Category: B

Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
0	P	350	4901136 Wilson Elementary School	01	Drill new well and install new pumps, storage tanks and delivery hardware.	1998	\$40,000

**Total Projects for 'Category' = B (69 Projects)**

**Total Costs for Category: \$38,589,481**

**SRF Category: C**

Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
40	C	400	1700544 Lake County CSA 7 - Bonanza Springs	01	Installation of a filtration system or connect to Loc Lomand Water System.	1998	\$50,000
35	C	100	1700563 Lake County CSA 22 - Mt. Hannah	01	Installation of a filtration system or connect to Loc Lomand Water System.	1998	\$1,000,000
35	C	1600	3110036 North Tahoe PUD - Dollar Cove	01	Install disinfection equipment. Involves design and construction.	1999	\$575,000
35	C	1600	3110036 North Tahoe PUD - Dollar Cove	02	Refinance loan.	1998	\$100,200
30	C	200	5304501 Riverview Acres Water System	01	Design and install a filter system. Install transmission main to increase chlorine contact time.	1998	\$38,000
25	C	25	1300557 DEL TRIBER MOBILE HOME PARK	01	Install a new water treatment system and distribution sytem or connect with the City of El Centro. The last option is preferred.	1998	\$45,000
25	C	25	2600622 SIERRA EAST MOBILE HOME PARK	01	Drill new deep vertical well	1998	\$25,000
25	C	35	5301005 River Oaks Resort	01	Drill a new well source away from river. Reline the concrete storage tank. Replace water mains and install new booster pump.	1998	\$50,000
25	C	43	1206002 Palomino Estates MWC	01	Installation of Yardney MM 4860-1A Filter System.	1998	\$37,000
25	C	50	1200690 Hidden Valley Homeowners Assoc	01	A consolidation of the system with Humboldt CSD or City of Eureka.	1999	\$200,000
25	C	54	3200195 Greenhaven Homeowner's Water Assoc.	01	Drill deeper well and increase storage capacity.	1998	\$15,000
25	C	75	1400098 DARWIN COMMUNITY	02	Construct SWTP	1998	\$300,000
25	C	100	5301002 Lewiston Valley Water Co., Inc.	01	Construct new filter system. Replace transmission main. Add new storage tank.	1998	\$75,000
25	C	230	1900011 CAMP SCOTT & CAMP SCUDDER	01	CONNECT OLD SYSTEM TO ADJACENT MUNICIPAL WATER SYSTEM	1998	\$210,000
25	C	350	0000222 Taylorsville Water	01	Create new water system.	1998	\$50,000
25	C	350	0000223 Taylorsville Water	01	Create new system	1998	\$850,000
25	C	1000	3110042 Tahoe Swiss Village Utility	01	Build a filter plant.	1998	\$390,000
25	C	1000	3110042 Tahoe Swiss Village Utility	02	Build a 300,000 to 500,000 gallon storage tank.	1998	\$300,000
25	N	25	5305003 Ruth Lake Marina	01	Relocate well sources above projected maximum flood level. Extend system to incorporate nearby individual residence systems.	1998	\$20,000
25	N	150	5800838 CYO CAMP PENDOLA	01	Install a Memclear System with storage tank, automatic chlorinator, and necessary pumps.	1998	\$17,750
20	C	36	4500009 Cortland Pines MWC	01	Purchase land and construct filtration system and install two large storage tanks and water meters to provide filtration system for surface water, and solve storage and pressure problems.	1998	\$244,000
20	C	200	0800510 Roosevelt Water System	02	Develop groundwater source including holding tank, new pumps, install larger mains and service lines, and install meters.	1998	\$380,000
20	C	200	0800510 Roosevelt Water System	01	Develop groundwater source to increase pressure and eliminate turbidity and bacteriological failure.	1998	\$20,000
20	C	200	1200501 Alderpoint County Water	01	Design and construct filtration and disinfection facilities to meet SWTR.	2000	\$300,000

**SRF Category: C**

Bonus	Type	Pop	System # and Name		Pre-App	Project Description	FY	Cost
20	C	290	4700523	Grenada Water Company	01	Construct new deep wells with proper separation from sewage hazards. Also construct storage facilities and replace watermain.	1998	\$500,000
20	C	300	1700574	Lake County CSA 18 - Starview	01	Install filtration system. Rehabilitate distribution system.	1998	\$1,000,000
20	C	300	1700526	Pine Grove Water System	01	Hire hydrologist and spring developer to encase and enhance spring. Put liners in tanks. Rebuild distribution system.	1998	\$100,000
20	C	350	0800532	Big Rock C.S.D.	02	Design and installation of a filtering system at the chlorination building.	1998	\$45,000
20	C	500	0310006	River Pines PUD	01	DRILL REPLACEMENT WELL CLOSE TO FILTRATION PLANT TO ASSURE CONTINUOUS SUPPLY OF MICROBIOLOGICALLY SAFE WATER. OTHER = DESIGN AND CONSTRUCTION.	1998	\$50,000
20	C	1000	1210017	Manila Community Services Dist.	01	Participate in construction of a turbidity reduction/filtration facility	1998	\$100,000
20	C	1200	1210020	Fieldbrook C.S.D.	02	Participate in construction of a turbidity reduction/filtration facility	1998	\$200,000
20	C	1437	1210002	City of Blue Lake	01	Participate in construction of a turbidity reduction/filtration facility	1998	\$400,000
20	C	3500	5410038	TERRA BELLA IRRIGATION DISTRICT - T	01	REFINANCING THE EXISTING DEBT AT A LOWER INTEREST RATE	1998	\$1,340,000
20	C	3500	5410038	TERRA BELLA IRRIGATION DISTRICT - T	02	EXTEND DISTRIBUTION MAINS FROM NEW SWTP TO SERVE THIS AREA. OTHER - DESIGN AND CONSTRUCTION	1998	\$600,000
20	C	13000	1210004	City of Eureka	03	Participate in construction of a turbidity reduction/filtration facility	1998	\$3,000,000
20	C	13500	1210016	McKinleyville C.S.D.	02	Participate in construction of a turbidity reduction/filtration facility	1998	\$1,200,000
20	C	15900	1210001	City of Arcata	01	Participate in construction of a turbidity reduction/filtration facility	1998	\$2,400,000
20	C	18000	1210009	Humboldt C.S.D.	02	Participate in construction of a turbidity reduction/filtration facility	1998	\$800,000
20	C	26000	0410007	Paradise Irrigation District	05	Refinance of water treatment plant.	2001	12,400,000
20	C	65000	1210013	Humboldt Bay MWD	01	Phased construction to provide full treatment.	1998	10,000,000
20	P	48	1400068	DEEP SPRINGS COLLEGE	03	Study to determine GWUDI status, construct new well and tank	1998	\$30,000
20	P	60	3200112	Plumas County Bldg. & Grounds	01	Replace storage tank, spring box, and associated lines. Install treatment and filtration system.	2000	\$60,000
20	P	83	1502753	TEHACHAPI CHURCH OF THE NAZARENE	01	Interconnect to another public water system or provide adequate disinfection contact time.	2000	\$100,000
20	P	800	2400101	WEAVER UNION SCHOOL DISTRICT (Merced)	01	HAVE TWO EXTRACTION WELLS TO REMOVE TCE/ CAN'T CORRECT BARIUM LEVELS	1998	\$50,000
20	N	25	1400047	MILL POND CAMPGROUND 2	01	Conduct study to determine GWUDI status, construct new well and tank	1998	\$19,500
20	N	200	4100522	REDWOOD GLEN BAPTIST CAMP	01	Install 2,5000 pipe line to connect to larger county water treatment facility.	1998	\$80,000
20	N	217	4910313	CSP-Goat Rock State Beach	01	Construct new water source and repair damaged distribution system.	2001	\$75,000
20	N	241	4910308	CSP-Wrights Beach State Park	01	Locate and construct new water source well and distribution system.	1999	\$100,000

**SRF Category: C**

Bonus	Type	Pop	System # and Name		Pre-App	Project Description	FY	Cost
20	N	400	1400048	TINNEMAHA CAMPGROUND 2	01	Construct new well, tank, and distribution system	1998	\$27,500
15	C	25	1300558	PALM VILLA MOBILE HOME PARK	01	Install a new water treatment system and distribution system or connect with the City of El Centro. The last option is preferred.	1998	\$65,000
15	C	45	1700536	Sunrise Shores Mutual Water Co.	01	Install conventional filtration. Replace distribution system.	2000	\$150,000
15	C	200	1000005	BIG CREEK COMMUNITY SERVICES DISTRI	01	DRILL WELLS, ELECTRICAL TO PUMPS, PROVIDE PIPES, INSTALL DUAL SYSTEM (HOUSEHOLD AND AGRICULTURAL), INSTALL WATER MAINS. OTHER - DESIGN AND CONSTRUCTION	1998	\$200,000
15	C	495	0910019	Lakeside Park Association	01	LPA is seeking grant monies for all or part of the loan. Amortization of the loan will be very burdensome.	1998	\$2,874,160
15	C	500	1400006	ROVANA WATER COMPANY	01	Refinance	1998	\$571,325
15	C	2800	2910005	Donner Lake Water Company	03	Replacement of existing tank with a 500,000 gallon tank and addition of a booster facility.	1998	\$2,286,000
15	C	3300	4510003	Burney Water District	02	Expand distribution system to previously unserved area. Eliminate residential wells contaminated with fecal coliform.	1998	\$90,000
15	C	10000	3110001	North Tahoe PUD - Main	13	Increase the Ozone CT valves and equipment specification to address crypto inactivation and construct a facility to meet SWTR avoidance criteria. Involves design and construction.	2000	\$3,050,000
15	C	10000	3110001	North Tahoe PUD - Main	10	Install a one million gallon covered reservoir. Involves design and construction.	1999	\$569,000
15	C	10000	3110001	North Tahoe PUD - Main	09	Install underground piping and booster station. Involves design and construction.	1998	\$186,000
15	C	10000	3110001	North Tahoe PUD - Main	11	Construct well, 500 and 1000 gpm. Involves design and construction.	1999	\$400,000
15	C	10000	3110001	North Tahoe PUD - Main	05	Refinance loan.	1998	\$614,300
15	P	140	3600075	LUTHER VILLAGE CAMP	01	Construct new well	1998	\$15,000
10	C	0	4010022	LOPEZ PROJECT	01	Locate & identify a new well site, then design & construct a new well.	1998	\$200,000
10	C	32	2701278	Rancho Chapparal Water Co.	01	Install new tank and drill new well.	1998	\$125,000
10	C	70	2701279	Coastlands MWC	01	Install SWT system.	1998	\$100,000
10	C	164	2701898	Clear Ridge Water Association	01	Install water filtration and disinfection system. Also, need new, larger pipes & valves and storage tanks. Or--drill new well to avoid SWTR.	1998	\$100,000
10	C	250	2700713	Rolling Hills Rancho	01	Drill 2 new wells, install two 30,000 gallon tanks, and construct filter system.	1998	\$235,000
10	C	260	2701658	ARROYO SECO WATER SYSTEM #2	03	Add filtration to the system/Install filtration unit	2000	\$70,000
10	C	630	0800555	Gasquet C.S.D.	09	Build additional filtration, storage, and distribution line capacity.	1999	\$486,500
10	C	3600	0310003	Amador County Water Agency-Sutter Creek	05	Study the existing conditions and investigate possible remedies	2000	\$50,000
10	P	200	2702322	Captain Cooper School	01	Replace well. Install filtration unit.	1998	\$200,000



**SRF Category: C**

Bonus	Type	Pop	System # and Name		Pre-App	Project Description	FY	Cost
5	C	32	2701278	Rancho Chapparal Water Co.	02	Conduct study to determine best solution and implement chosen alternative, e.g. drill well, design/construct filtration treatment system.	2000	\$100,000
5	C	65	3500503	Harmony Hills Water System	01	Drill new wells.	1998	\$200,000
5	C	320	3600376	BIG BEND RESORT	01	Construct new SWTP	1998	\$300,000
5	C	10740	0910001	El Dorado ID - Main	09	Evaluation of the need to retain reservoir; design and construction of reservoir protection if necessary.	1998	\$1,700,000
5	C	10740	0910001	El Dorado ID - Main	01	Evaluation of appropriate sizing; construct, line, cover, and create a bypass.	1998	\$600,000
5	C	10740	0910001	El Dorado ID - Main	05	Evaluation of appropriate reservoir capacity; construct, line, cover and create a bypass.	1998	\$600,000
5	C	10740	0910001	El Dorado ID - Main	04	Line and cover reservoir with a rigid cover and construct a reservoir bypass.	1998	\$800,000
5	C	10740	0910001	El Dorado ID - Main	03	Line and cover reservoir with a rigid cover and construct a bypass.	1998	\$2,800,000
5	C	10740	0910001	El Dorado ID - Main	02	Line and cover reservoir with a rigid cover and construct a reservoir bypass.	1998	\$3,800,000
5	C	10740	0910001	El Dorado ID - Main	20	Evaluation of appropriate reservoir capacity, cover, and create a bypass. Involves design and construction.	1998	\$1,400,000
5	C	10740	0910001	El Dorado ID - Main	21	Evaluation of a proper design for double reservoir system; line, cover and create a bypass. Involves design and construction.	1998	\$4,800,000
5	C	10740	0910001	El Dorado ID - Main	10	Evaluation of need to retain reservoir or replace with pump station; design and construct reservoir if necessary.	1998	\$500,000
5	C	10740	0910001	El Dorado ID - Main	08	Cover reservoir with a rigid cover a create a bypass.	1998	\$800,000
5	C	10740	0910001	El Dorado ID - Main	07	Cover reservoir with a rigid cover and create a bypass.	1998	\$600,000
5	C	10740	0910001	El Dorado ID - Main	22	Line and cover reservoir with a rigid cover and construct a reservoir by-pass.	1998	\$1,400,000
5	C	10740	0910001	El Dorado ID - Main	23	Line and cover reservoir with a rigid cover and construct a reservoir bypass.	1998	\$800,000
5	C	10740	0910001	El Dorado ID - Main	06	Line and cover reservoir with a rigid cover and construct a reservoir bypass.	1998	\$3,800,000
5	C	38700	3410004	Carmichael Water District	01	Construct a 22 MGD SWTR plant using microfiltration. Involves design and construction.	1998	20,000,000
5	C	4E+06	1910067	LOS ANGELES-CITY, DEPT. OF WATER &	04	9.7 MGD MICROFILTRATION PLANT AT HOLLYWOOD RESERVOIR	1998	17,000,000
5	C	4E+06	1910067	LOS ANGELES-CITY, DEPT. OF WATER &	02	CONSTRUCTING A 32 MGD PUMPING STATION, A 32 MGD FILTRATION PLANT, A 6 MG CLAEARWELL TANK AND ASSOCIATED PIPELINES TO TREAT THE WATER FROM THE LOWER STONE CANYON RESERVOIR BEFORE IT IS DELIVERED TO THE CONSUMER.	1998	11,000,000
5	C	4E+06	1910067	LOS ANGELES-CITY, DEPT. OF WATER &	01	AN UNDERGROUND BYPASS PIPELINE FOR THE LOWER HOLLYWOOD RESERVOIR, 60 MG OF COVERED, FILTERED WATER STORAGE IN 2 BURIED TANKS, A SMALL-SCALE MICROFILTRATION PLANT, AND A NEW WATER TRUNK LINE CONNECTING THE HOLLYWOOD AREA & LOWER STONE CANYON RESERVOIR	1998	74,000,000
5	C	4E+06	1910067	LOS ANGELES-CITY, DEPT. OF WATER &	03	CONSTRUCTING A 10 MGD FILTRATION PLANT, A 15 MG STORAGE TANK, PIPELINES AND UPSTREAM TRUNK LINE IMPROVEMENTS TO CONNECT THESE NEW FACILITIES TO THE DISTRIBUTION SYSTEM.	1998	50,000,000

**SRF Category: C**

Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
0	C	22	2701731 Brandon Creek Mutual	01	Install filtration system.	1998	\$100,000
0	C	41	4200579 ROSARIO PARK WATER SYSTEM	01	Install a filtration and disinfection treatment system which complies with the SWTR.	1998	\$25,000
0	C	65	4900578 Carmet Water Company	01	Construct slow sand filter and drill additional side hill wells.	1998	\$52,000
0	C	75	4100539 KINGS MOUNTAIN PARK MUTUAL WATER CO	01	Design and construct filter.	1998	\$100,000
0	C	125	1900064 SAN DIMAS CYN IMPROVMENT ASSN	02	Drill and equip new well, or install filtration/disinfection on existing source.	2000	\$80,000
0	C	125	1900064 SAN DIMAS CYN IMPROVMENT ASSN	01	Conduct Sanitary Survey and GWUDI study to study treatment solutions	2000	\$15,000
0	C	135	4300520 Idylwild Water System	01	install filtration system	2000	\$125,000
0	C	140	2702148 Asoleado MWC	01	Install appropriate filtration system or drill deeper wells.	1998	\$75,000
0	C	150	3110049 Tahoe Park Water Co - Skyland Syste	01	Install filters. Involves design and construction.	1998	\$200,000
0	C	175	4300522 Lake Canyon Mutual Water Company	01	Site for treatment has been acquired, treatment system has been purchased, and design engineering has been completed. They estimate 9 months for the construction of the treatment system. Replacement of aged mains is planned ASAP - given available f	1998	\$156,000
0	C	180	4100509 COUNTY SERVICE AREA 7	01	Design and construct a new diversion structure on La Honda Creek. Lay new piping (3") along Pescadero Creek Road to Alpine Creek Bridge. Will require an intake pump and installation.	1999	\$400,000
0	C	250	1910099 PARADISE RANCH MOBILE HOME PARK	01	REDRILL 4 SHALLOW WELLS AND CONSTRUCT UNDER PERMIT OR PROVIDE FILTRATION PLANT.	1998	\$40,000
0	C	475	2701254 Carmel Riviera MWC	02	Filter plant has been rebuilt after clean-up and salvage of damaged system.	2000	\$150,000
0	C	1000	3110032 Lake Forest Utility Company, Inc.	01	Install filters. Involves design and construction.	1998	\$350,000
0	C	1200	4010024 SLO CWWO NO. 6 - SANTA MARGARITA	01	Locate and identify a new groundwater source, purchase right of way, design & construct well and new transmission line.	1998	\$500,000
0	C	1500	2110004 Stinson Beach County Wtr Dist	04	Increase source capacity with new well.	1999	\$65,000
0	C	2000	3110012 Agate Bay Water Company	01	Install filter system or drill well to circumvent surface water requirement.	1998	\$450,000
0	C	2300	3010095 Santiago County Water District	02	Well head injection, mixing treatment and removal.	1998	\$500,000
0	C	2500	3110018 Tahoe Park Water Company	01	Install filters. Involves design and construction.	1998	\$1,000,000
0	C	5100	4210013 SOLVANG WATER DEPARTMENT	01	Install 1.85 MGD filtration and disinfection TP to comply with the SWTR.	1999	\$1,980,300
0	C	8550	3010094 Trabuco Canyon Water District	01	Possible conversion to full surface water treatment rule treatment.	1998	\$2,000,000
0	C	12100	4210020 Santa Ynez River Water Cons. Distri	03	Provide filtration and disinfection treatment which complies with the SWTR or provide additional piping to utilize the well as an agricultural only source.	1998	\$750,000
0	C	26643	4010002 ATASCADERO MUTUAL WATER CO	01	Design and construct a new water treatment plant.	2000	\$4,800,000

**SRF Category: C**

Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
0	C	74000	4210004 GOLETA WATER DISRICT	07	Construct pipeline, booster station, reservoir and surge tank to bring treated water to the Goleta West line.	1998	\$4,000,000
0	C	4E+06	1910067 LOS ANGELES-CITY, DEPT. OF WATER &	05	This project is a component from project 01. It is called Unit 4 Hollywood trunk line. This leaves only Unit 3 Hollywood trunk line as proj. 01. The filtration plant has become project 04 itself.	2001	
0	N	25	1300614 WIEST LAKE COUNTY CAMPGROUND	01	Install the system as shown in the included design.	1998	\$75,000
0	N	50	4100502 ELKUS 4-H RANCH C/O GLORIA BROWN	01	New water treatment system	1998	\$80,000
0	N	200	3600530 CAMP ARBOLADO	01	Construct SWTP and replace mainline in distribution system	1998	\$268,525

**Total Projects for 'Category' = C (121 Projects)**

**Total Costs for Category: \$467,943,060**

**SRF Category: D**

Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
40	C	60	1200588 Seawood Estates Mutual Water	01	Consolidate systems and upgrade treatment to meet SWTR.	1998	\$196,000
35	C	15	0011205 TUD-LAST CHANCE WATER COMPANY	01	INSTALL A PIPELINE TO INTERCONNECT TO TUD'S UPPER BASIN SYSTEM.	1998	\$98,000
35	C	25	1300530 WEST MAIN MUTUAL WATER CO	01	We propose to connect to City water system (El Centro).	1998	\$250,000
35	C	2300	1710007 Kelseyville Co Waterworks District	01	Install filtration system an/or connect to Soda Bay water system. Replace Valley Vista Tanks.	1998	\$1,000,000
25	C	25	1300572 VALLEY MOBILE PARK	01	Construct a new surface water treatment plant.	2000	\$100,000
25	C	35	1200517 Kimtu Meadows MWC	01	Identify what kind of system would work and implement.	2000	\$100,000
25	C	60	2900523 Washington County Water Dist	02	Construct detention storage or alternative disinfection system.	1998	\$100,000
25	C	75	2300730 Westport County Water District	01	Reconstruct infiltration gallery. Add new contact vessel to plant to change it to direct filtration treatment system. Install new disinfection system to ensure compliance with swtr.	1998	\$250,000
25	C	125	4700531 Tennant C.S.D.	01	Add coagulant feed facilities or construct slow sand filters.	1998	\$50,000
25	C	222	0900300 KYBURZ MUTUAL WATER CO	01	New storage tank and deep cased well/pump.	1998	\$125,000
25	C	250	4900532 Sonoma County CSA 41-Jenner	01	Install a raw water or decant tank ahead of treatment plant.	1998	\$20,000
25	C	263	1100616 Elk Creek CSD	01	Installation of new surface water treatment plant and miscellaneous appurtenances.	1998	\$383,525
25	C	350	2910016 Donner Summit Public Utility D	01	Install a second filtration and disinfection system.	1998	\$50,000
25	C	700	5510029 BIG HILL WATER CO- BIG HILL	03	CONSTRUCT A NEW SURFACE WATER TREATMENT PLANT.	1998	\$954,000
25	C	800	1710018 Lake County CSA 2 - Spring Valley	02	Construct 2 more slow sand filters and 100,000 gals additional storage for shut-down times.	1998	\$1,000,000
25	C	2000	3210001 Bidwell Water Company, Inc.	01	Add additional filter. Replace a portion of the distribution system.	1998	\$250,000
25	C	2000	3210001 Bidwell Water Company, Inc.	03	Install control equipment to improve treatment plant, reservoir coating, etc.	1998	\$70,000
25	C	2000	4810021 City of Vallejo - Lakes Water System (Gordon Valley)	01	Associated with the construction of a 1.1 million gallon clearwell and storage reservoir, this would meet the Ct requirements.	1998	\$7,500,000
25	C	2660	3110017 Sierra Lakes County Water Dist	02	Install additional filter capacity.	1999	\$100,000
25	C	2660	3110017 Sierra Lakes County Water Dist	03	Install welded steel tank with capacity of 550,000 gallons at cost of \$465,000.	2000	\$465,000
25	P	25	4900679 Fort Ross School District	01	Hook into a community water system which is properly maintained, has sufficient water and has a management system.	2000	\$20,000
25	P	80	1200546 Casterlin School	01	Install new water treatment system on well source and disconnect surface water source.	1998	\$100,000
25	P	80	1200522 Whitethorn Elementary School	01	Install new complete filtration	1998	\$100,000
25	N	25	1300561 RED HILL MARINA	01	Construction of a new surface water treatment plant.	2000	\$150,000
25	N	100	5301010 Bud Fine MWC	01	Upgrade filter system, replace storage tank, and replace deteriorated mains.	1998	\$100,000

**SRF Category: D**

Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
25	N	20000	5305004 Ruth Lake Recreation Area	01	Relocate well source above maximum flood line. Consolidate individual systems.	1998	\$25,000
20	C	60	1200704 Azalea Glen	01	Install a well and construct a closed system.	1998	\$28,250
20	C	70	4700503 Callahan Water District	01	Add storage or replumb to increase contact time for disinfection. Review condition of components of filter plant and repair or replace defective components to ensure proper filtration.	1998	\$250,000
20	C	75	2100570 EL NOVATO TRAILER PARK	01	Connect these mobile homes to city water. North Marin Water District.	1998	\$125,000
20	C	77	4900514 Rancho Del Paradiso Water Co.	01	Install approve filtration system, replace existing 5,000 gal tank with 10,500 gal concrete tank and new transmission lines.	1999	\$158,500
20	C	107	5810005 Nevada ID - Smartville	01	Add flocculation and sedimentation, modify filter, and filter, add clearwell for CT and monitoring. Involves design and construction.	1998	\$140,000
20	C	125	4500022 Hat Creek Mutual Water Co.	01	Replace existing substandard filtration system and add an additional chlorine contact tank with enclosure building to meet the SWTR regulations.	1998	\$28,500
20	C	210	4900536 Occidental Community Services Distr	01	Conduct public meeting to develop environmental & feasibility plans - contract for delivery of water from an adjacent water system or source. This procedure may include a joint powers agreement for a single management & operation district.	1998	\$750,000
20	C	450	5301003 Lewiston Park MWC	01	Construct new filtration facilities and/or develop new groundwater sources. Add emergency standby generator capability.	2000	\$100,000
20	C	500	0003046 Sereno Del Mar/Carmet/Salmon Creek	01	Construct 2.8 miles of water main to connect all 3 public water systems into the existing gravity storage at Sereno Del Mar and Carmet. Use Salmon Creek source as primary supply.	1999	\$300,000
20	C	1100	4710012 Happy Camp C.S.D.	01	Install additional filter to reduce loading rates and possibly pretreatment. Install water meters at service connections to help control demands.	1998	\$160,000
20	C	1150	0510005 C.C.W.D., West Point	01	REPLACE WITH NEW SURFACE WATER TREATMENT PLANT. OTHER = DESIGN AND CONSTRUCTION.	1998	\$1,200,000
20	C	2300	1310008 Westmorland - City of	01	See attached description and water system improvements Map	1998	\$3,356,520
20	C	21000	1310001 Brawley - City of	02	The city has approved and undertaken the construction of a new water plant to correct violations noted in the DHS CO. The monies from the DWSRF will be used to refinance the plant.	1998	18,000,000
20	p	25	0110017 Belvior Springs	01	Connect with ACWD, will pay connection fees to ACWD.	1998	\$90,000
20	N	500	0800661 Caltrans Collier Tunnel RS	01	New pressure filter - 10 GPM	1998	\$35,000
15	C	25	1700610 Ford's Acres Mobile Home Park	01	Drill well to change system source to groundwater	2000	\$65,000
15	C	48	3301115 CHIRIACO SUMMIT	01	The new project will include a 300,000 gallon storage reservoir, plus a new pipe system from the canal to the reservoir which will split water into potable and non potable for use at the Chiriaco site. All new plastic piping will be included as well	1998	\$385,000
15	C	60	1700546 Clearwater Mutual Water Company	01	Replace storage tanks with larger tanks and make treatment plant improvements or replace treatment plant.	1998	\$100,000
15	C	796	0910006 Grizzly Flats Community Serv	01	Install a second treatment unit. Involves refinancing, design and construction.	1998	\$375,000
15	C	4300	0510001 Union Public Utility District	01	CONSTRUCT 1MG, BAFFLED CLEARWELL OTHER = DESIGN AND CONSTRUCTION	1998	\$538,970

**SRF Category: D**

Bonus	Type	Pop	System # and Name		Pre-App	Project Description	FY	Cost
15	C	6711	0910013	Georgetown Divide PUD	01	Empty filters, the underdrains and surface washers need to be removed and replaced and new flow meters added. Involves design and construction.	1998	\$80,000
15	C	8000	0310012	ACWA Buckhorn Plant	01	UPGRADE TREATMENT PLAN OR CONSTRUCT A NEW ONE. OTHER = DESIGN AND CONSTRUCTION	1999	\$3,500,000
15	C	12861	4510014	Bella Vista Water District	06	Improve system to meet CT disinfection regulation; filter rate of flow controllers; filter to waste and recycle basin; add two new filters; coagulant addition; and variable speed pump.	1999	\$2,280,000
15	C	12861	4510014	Bella Vista Water District	03	Study and pre-design for water treatment plant to meet CT disinfection regulation.	1998	\$100,000
15	C	66000	3310012	Elsinore Valley MWD	02	See attached sheet	1998	\$3,600,000
15	C	70700	3410001	Arcade WD - Town & Country	05	Install a 10 mgd water treatment plant. Involves design and construction.	1998	10,500,000
15	C	1E+05	1910008	AZUSA LIGHT AND WATER	03	Constructed new pump station and 4MG reservoir to meet contact time for CT calculations.	1998	\$4,000,000
15	C	1E+05	1910008	AZUSA LIGHT AND WATER	02	Upgraded Filter #1 and Filter #2: increased media depth, provided provision filter to waste and continuous turbidity monitoring, installed control panel.	1998	\$450,000
15	P	25	1300579	MC CABE UNION SCHOOL DIST	01	Construct a new water treatment facility.	2000	\$45,000
15	N	100	1000084	FRESNO COUNTY PARKS-PINE FLAT CAMPG	01	DRILL A WELL.	1998	\$50,000
10	C	94	5000008	KNIGHTS FERRY COMMUNITY	01	CONSTRUCT LARGER CLEARWELL. UPGRADE SURFACE WATER TREATMENT PLANT AS NECESSARY	1998	\$300,000
10	C	150	1700581	Cache Creek Mobile Home Park	01	Construct approved surface water treatment plant	2000	\$80,000
10	C	230	4400571	Davenport WS - County Sanitation Di	02	Install new pump, filters, and clarifier.	2000	\$150,000
10	C	240	3100058	DUTCH FLAT MUTUAL WATER CO	01	Construct additional storage (100,000 gallons) to provide greater CT while meeting maximum demand.	1998	\$48,096
10	C	317	3100041	ALPINE MEADOWS	01	Install 6" water line from plant to storage tank; install water meters and replace distribution system. Involves design and construction.	2002	\$370,000
10	C	336	3100040	SHADY GLEN MOBILE HOME PARK	01	Enlarge filtration and improve disinfection process, increase storage for chlorine contact time and during surface water interruptions.	1998	\$80,000
10	C	2500	0210001	Lake Alpine Water Company	01	UPGRADE OR REPLACE TREATMENT PLANT. OTHER = DESIGN AND CONSTRUCTION	1998	\$375,000
10	C	3000	1310007	Heber Public Utility District	01	Build new treatment plant	1998	\$3,800,000
10	C	4037	0310001	City of Jackson	01	MAJOR RECONSTRUCTION AND REHABILITATION (OR REPLACEMENT) OF WTP. OTHER = STUDY, DESIGN CONSTRUCT AND OTHER.	1998	\$4,000,000
10	C	4E+05	3410020	Sacramento, City of	12	Provide a flash mix system using static baffles to create headloss. Involves design and construction.	1998	\$50,000
5	C	35	2300596	Big River Vista Mutual Water Compan	01	Drilled well in 1996.	1998	\$28,000
5	C	300	2800526	Napa County Public Works-LBRID	01	Replace existing filter with new one. Install additional plant equipment. Replace galvanized steel piping in distribution system.	1998	\$2,000,000

**SRF Category: D**

Bonus	Type	Pop	System # and Name		Pre-App	Project Description	FY	Cost
5	C	795	2910027	Nevada ID - Snow Mountain	01	Consolidate Snow Mountain system with Banner system by constructing a pump station and transmission pipelines. Involves design and construction.	1999	\$1,200,000
5	C	800	5601117	SENIOR CANYON MUTUAL WATER CO	01	Install an additional dual media filter	1998	\$78,775
5	C	800	5601117	SENIOR CANYON MUTUAL WATER CO	09	New treatment room constructed in Senior Canyon further upstream.	1998	\$9,000
5	C	920	2910007	Nevada ID - Cascade Shores	01	Add surface wash manifolds. Construct pipeline from system storage for adequate backwash supply.	1998	\$90,000
5	C	2000	3110034	Christian Valley Park CSD	01	Install one new filter. Involves design and construction.	1998	\$200,000
5	C	4840	2910014	Nevada ID - Lake of Pines	01	Add surface wash, add filter, and replace redwood clearwell tank.	2001	\$440,000
5	C	5800	4010014	CAMBRIA COMM SERVICES DIST	03	Install filtration system at the Santa Rosa Creek Treatment Plant to comply with the Surface Water Treatment Rule.	1998	\$200,000
5	C	7500	0910003	Placerville, City of - Main	03	Replace tank or install piping and a pump system to backwash from treated water reservoirs.	1998	\$85,000
5	C	3E+05	3010001	City of Anaheim	02	The Plant was closed down and reconstructed in order to comply with the Surface Water Filtration and Disinfection Treatment Regulations.	1998	20,000,000
5	P	124	2800840	Pope Valley School	01	Construct new water treatment system.	1998	\$455,000
0	C	55	4900549	Sonoma County CSA 41-Freestone	02	Drill a new well and use it as primary, sole source. Use spring as standby source.	1998	\$10,000
0	C	68	4400604	BRACKENBRAE MWC	02	Study alternatives for treatment of surface source. Especially consider slow sand or membranes filtration technologies.	2000	\$5,000
0	C	68	4400604	BRACKENBRAE MWC	01	Construct treatment plant. Technology to be determined by outcome of separate study.	2000	\$25,000
0	C	75	4810024	SID-Blue Ridge Oaks	01	Purchase and install State approved point of entry water treatment devices for every home or purchase of water treatment capacity from City of Fairfield.	2000	\$375,000
0	C	75	4100512	LOMA MAR MUTUAL WATER COMPANY	02	Rebuild sedimentation tank	1998	\$45,000
0	C	120	4810025	SID-Pleasant Hills Ranch	01	Purchase and install State approved point of entry water treatment devices for every home.	2000	\$375,000
0	C	120	2110007	Coast Springs Water Company	02	Construct a new treatment plant.	1998	\$76,000
0	C	120	2110007	Coast Springs Water Company	03	Drill new deep well 1,000 ft.	1998	\$110,000
0	C	180	2810009	Berryessa Pines Water System	01	Construct new surface water treatment plant with all required reliability features and a new clearwell for chlorine contact time to achieve required inactivation.	2000	\$750,000
0	C	250	2800543	Capell Valley Water Co.	02	Add liners to tanks, backwash meter, static mixer, and carbon filters	2000	\$12,500
0	C	250	2800543	Capell Valley Water Co.	01	System upgrade to meet requirements.	1998	\$10,000
0	C	250	2810014	Spanish Flat Water District	01	Construct new package water treatment plant.	1998	\$875,000
0	C	300	3110028	Northstar C.S.D.	02	Construct coagulation and sedimentation complete with alarms.	1998	\$900,000

**SRF Category: D**

Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
0	C	300	4900647 Sereno Del Mar Water Company	01	Construct new surface water treatment plant. Construct new storage and develop ground water supplemental source. Or construct intertie with carmet water system.	1998	\$250,000
0	C	475	2701254 Carmel Riviera MWC	03	Temporary lines were replaced with proper sized lines, providing adequate contact time.	2000	\$165,000
0	C	500	2810011 Pleasure Cove Resort	01	new surface water treatment plant	2000	\$150,000
0	C	600	2810013 Napa County Public Works-NBRID	01	Construct new treatment plant filter, Reconfigure piping at clearwell to increase chlorine contact time.	1998	\$2,000,000
0	C	3200	3110009 Meadow Vista County Water Dist	03	Install 2mgd package plant to operate in parallel, but independent of existing facilities.	1998	\$680,000
0	C	6380	2910023 Nevada ID - Lake Wildwood	06	Consolidate with Lake Wildwood system by constructing a pump station and transmission mains. Involves design and construction.	1998	\$780,000
0	C	7500	3010082 Serrano Water District	01	Refinance projects started after 7/1/93- see app	1998	\$5,000,000
0	C	60000	5610024 CASITAS MUNICIPAL WATER DIST	02	Construct a 170,000 gallon backwash storage tank and install a VFD pump (1000 gpm) at Avenue No. 1 pump plant.	1998	\$300,000
0	C	87137	1910045 ANTELOPE VALLEY-EAST KERN WATER AGE	01	ADD ONE 9 MG CLEARWATER RESERVOIR FOR A TOTAL OF 18 MG STORAGE AT A 65 MGD WATER TREATMENT PLANT	2000	\$1,800,000
0	C	1E+05	1910041 THREE VALLEYS MWD	05	INSTALL HYPALON BAFFLING IN RESERVOIR.	1998	\$170,000
0	C	1E+05	1910041 THREE VALLEYS MWD	03	INSTALL A STORM DRAIN SYSTEM TO CARRY STORM WATER OFF OF PROPERTY.	1998	\$1,000,000
0	C	1E+05	1910126 POMONA- CITY, WATER DEPT.	06	PILOT STUDY OF FILTRATION MEHOD WAS RUN AND MODIFICATIONS ARE NEARLY COMPLETED BASED ON FINDINGS OF THE STUDY	1998	\$3,850,000
0	C	1E+05	1910126 POMONA- CITY, WATER DEPT.	05	CONSTRUCTED A 3.5 MG RESERVOIR	1998	\$2,202,000
0	P	36	4810016 Pioneer Roofing Tile	01	Purchase and installation of State approved point of entry water treatment devices for every business and 1 residence or purchase of water treatment capacity from City of Fairfield.	2000	\$300,000
0	P	120	1210801 High Rock Conservation Camp	01	Install Memcor Unit 3MIOC.	1998	\$90,000
0	N	300	4100529 CAMP LOMA MAR	01	Add 4500 gallon storage tank, expand sand filter	1999	\$50,000

**Total Projects for 'Category' = D (107 Projects)**
**Total Costs for Category: \$120,741,636**



**SRF Category: E**

Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
45	C	55000	3610064 EAST VALLEY WD	02	Consolidate water system into EVWD	1998	\$985,000
40	C	26	1502567 COMMANCHE WELL WATER SYSTEM	01	TIE INTO ANOTHER SYSTEM, STORAGE TANK AND BOOSTER PUMPS. OTHER - STUDY, DESIGN AND CONSTRUCTION	1998	\$400,000
25	C	75	1400098 DARWIN COMMUNITY	01	Construct two wells and improve spring	1998	\$100,000
25	C	100	2701422 Oakridge Dr. Subdivision MWC	01	Consolidation with Aromas Water District.	1999	\$700,000
25	C	115	5400544 ALLENSWORTH COMMUNITY	01	REPLACE WATER DISTRIBUTION SYSTEM, DRILL SECOND WATER WELL	1998	\$115,000
25	C	150	4700521 Carrick Water System	01	Develop new souce that is adequately separated from sewage disposal facilities.	1998	\$600,000
25	C	170	4500028 CRAGVIEW COMMUNITY SERVICE DIST	01	Armor slopes and relocate facilities.	2001	\$160,000
25	C	175	1500371 SOUTHERN PACIFIC TRANSPORTATION CO.	01	BUILD TEN MILES OF PIPELINE FROM TEHACHAPI TO KEENE. OTHER - DESIGN AND CONSTRUCTION	1998	\$2,500,000
25	C	340	4500013 Lakeside Woods MWC	01	New storage tank, water main repairs and replacement, stand-by generator for power outages and water meters to encourage residents to conserve water to preclude water outages.	1998	\$93,000
25	C	500	3700922 LIVE OAKS SPRINGS	01	Replace existing distribution system, and install pressure system (pressure tanks and pump system).	1998	\$1,000,000
25	C	700	5510029 BIG HILL WATER CO- BIG HILL	01	REPLACE DETERIORATED SECTIONS OF THE DISTRIBUTION SYSTEM.	1998	\$1,472,000
25	C	700	5510029 BIG HILL WATER CO- BIG HILL	02	UPGRADE EXISTING STORAGE FACILITIES AND ADD A 200,000 GALLON STORAGE TANK.	1999	\$305,000
25	P	32	1200806 Honeydew Elementary School	01	Develop additional water source and improve distribution system.	1998	\$6,000
25	P	120	4500186 Canyon Elementary School	01	Drill a new well and install pump to provide sufficient capacity.	1998	\$10,000
25	N	870	4910309 CSP-Fort Ross State Park	01	Hire geologist to perform study and to oversee construction of new well development.	1998	\$225,000
20	C	30	2700740 San Miguel WS #3	01	Consolidate with Royal Oaks WS.	1998	\$110,000
20	C	40	2702072 Arrowhead Ranch Water	01	Physical consolidation with Normco Water System.	1998	\$120,000
20	C	48	2702235 Ballantree Estates	01	The water system would like to be connected to Aromas Water District. This would require the construction of a pipe which would have to be about one and a half miles long and would have to cross a highway.	1998	\$800,000
20	C	51	4300637 Los Ranchos De Uvas Water Company	02	Need to hook up to Twin Valley Water Company.	1998	\$100,000
20	C	52	0800548 Klamath C.S.D.	01	Construct two wells and new telemetry in currently identified good aquifer. Construct transmission line to existing distribution system (200 feet of 6-inch PVC).	1998	\$160,000
20	C	60	4900618 Rural Canyon Water Company	01	Construct a 1 1/2 mile 6 inch line to connect to Forestville CWD, annex to District and pay the connection fees or purchase wholesale water & continue to operate the storage and distribution system.	1999	\$350,000
20	C	96	2700838 Spring Canyon MWC	01	Water system needs to consolidate with a larger water system--specifically Alco Water Service.	1998	\$175,000
20	C	99	3200134 Blairsden Water Users Association	01	Replace antiquated water lines and install storage tank.	1998	\$150,000

**SRF Category: E**

Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
20	C	120	2701670 Langley-Valle Pacifico WS	01	Install new well and treatment facilities.	1998	\$400,000
20	C	120	3500554 Monterey Vacation R.V. Park	01	Consolidate with Aromas Water District and become a customer instead of a supplier.	1998	\$100,000
20	C	200	2210906 Mariposa Pines Mutual	01	CONSTRUCT A NEW WELL, RECONSTRUCT TWO WELLS, AND INSTALL STORAGE AND DISTRIBUTION SYSTEM IMPROVEMENTS.	1998	\$294,806
20	C	3000	3310060 East Blythe Co Water Dist	01	Construct a new water facility consisting of supply wells, filtration, and storage reservoirs. Install distribution pipelines. (See attached documentation).	1998	\$8,285,000
20	C	13831	0810001 City of Crescent City	01	Upgrade system	1998	\$8,500,000
20	C	13831	0810001 City of Crescent City	02	Installation of additional transmission pipe line and storage tank.	2000	\$9,000,000
20	P	200	4100516 LA HONDA ELEMENTARY SCHOOL	01	Feasibility Study to consolidate with LaHonda Guild, CSA#7, San Mateo Co., or San Francisco Water District, with LaHonda's inadequate water supply.	1998	\$10,000
20	S	168	0931012 Big Bend Water Users Association	01	Develop supplemental water source; replace and repair pipeline; rerouting	1998	\$35,000
15	C	30	2210919 TIMBER MOBILE HOME PARK	01	CONSTRUCTION OF A NEW WELL AND STORAGE TANK.	1998	\$50,000
15	C	43	3301491 Rancho Atajo Co-Op	01	To lay the needed pipe to loop the system. We have 6 other wells we could use but need pumps and electric to run them.	1998	\$15,000
15	C	140	5400881 SUNRISE MUTUAL WATER CO.	01	INSTALLATION OF A LARGER CAPACITY STORAGE UNIT AND LABOR SIZE MORE MODERN MAIN LINES AND IMPROVED SERVICE LINES	2000	\$185,000
15	C	175	3701882 SPLIT MOUNTAIN PARK	01	New 5,000 gallon water storage tank, new 1,500 gallon water pressure tank, and new 5 hp secondary booster pump.	1998	\$8,500
15	C	240	0600012 Colusa County Service Area No. 1	01	Drill new wells and replace existing storage reservoir.	1998	\$200,000
15	C	415	3600107 FOREST PARK MWC	01	Construct new sources and storage facilities	1998	\$150,000
15	C	6500	2310001 Fort Bragg, City of	01	Develop well field (estimated to supply 1400 gpm), install 5500 L.F. new transmission lines, new pump station and controls.	1998	\$1,100,000
15	C	12861	4510014 Bella Vista Water District	08	Construct a pump station and pipelines to provide treated drinking water to previously unserved area to replace their existing well water supplies.	1998	\$1,192,000
15	P	150	4500170 Montgomery Creek School	01	Improve spring or drill wells to improve source capacity and preclude water outages.	1998	\$60,000
15	N	45	3301643 SPRINGCREST WATER AND POWER	01	A) Need secondary source of water - new well \$25k, B) Provide electrical service to wells/tanks for monitoring \$5k, C) Replace approx. 200 l.f. of 8" water line \$16k, D) Clean out hydrolic wells \$5k	1998	\$51,000
15	N	110	1400088 MILLERS HOT SPRINGS	01	Construct pressure tank, distribution system replacement	1998	\$200,000
10	C	111	3301541 RECHE CANYON	01	Install water meters and 6" pipeline 3,800' to connect to available city water.	1998	\$150,000
10	C	1100	3610118 YERMO WATER CO	01	Construct new well and reservoir, replace mainline	1998	\$850,000
10	C	5000	2710018 City of Seaside	01	Install new well.	1998	\$150,000
5	C	40	2000549 MADERA COUNTY MAINTENANCE DISTRICT#	01	INSTALL AN ADDITIONAL WELL AND A 100,000 GALLON STORAGE TANK WITH A TELEMETRY SYSTEM.	1998	\$140,000

**SRF Category: E**

Bonus	Type	Pop	System # and Name		Pre-App	Project Description	FY	Cost
5	C	59	2300606	Lake View Water Co.	01	Drill well.	1998	\$30,000
5	C	75	1900158	LITTLE BALDY WATER CO.	04	Deepen existing well for more supply, or drill new well	2000	\$100,000
5	C	75	1900158	LITTLE BALDY WATER CO.	01	PURCHASE THREE 2.5 ACRE SITES, CONSTRUCT APPROX. 100,000 STORAGE TANK ON EACH AND SECURITY FENCING	1998	\$450,000
5	C	96	1900514	LLANO FARMS MUTUAL WATER CO.	01	INSTALL NEW WELL, BOOSTER PUMP, AND STORAGE TANK	1998	\$500,000
5	C	100	4901071	Boulevard Heights Mutual Water	01	Construct additional 50,000 gal tank. Install larger well pumps.	1998	\$85,000
5	C	130	0300016	VOLCANO COMMUNITY WATER	01	STUDY ALTERNATIVES, DESIGN SOLUTION, AND CONSTRUCT SOLUTION. OTHER = STUDY, DESIGN, AND CONSTRUCTION	1998	\$1,000,000
5	C	340	3700919	LAKE WOHFORD RESORT	01	Install well, run electricity to well. Purchase and install storage tank.	1998	\$120,000
5	C	500	0310008	Camanche North Shore Inc.	01	CONSTRUCT NEW WELL AND 1100 FEET OF 4 INCH TRANSMISSION MAIN LINE. OTHER = REFINANCE, DESIGN AND CONSTRUCTION.	1998	\$370,000
5	C	5160	1510045	GOLDEN HILLS CSD	06	Loop water system in west GHCSO service area in order to provide the necessary water volume to Keene.	2000	\$100,000
5	C	5E+05	4910020	Sonoma County Water Agency	04	Design and construction of one additional Ranney Collector Well with 20 mgd capacity and connecting pipeline.	1998	\$7,800,000
0	C	45	2701423	Echo Valley WS #5	01	Design and construction of new well.	1998	\$45,000
0	C	66	2700731	Z Ranch MWC	01	Add one or two new wells.	1998	\$80,000
0	C	72	2702003	Vierra Meadows Mutual Water Co.	01	Add additional 15,000 gallon storage tank.	1998	\$30,000
0	C	95	2700503	Assisi Road Water System #1	01	Replace bowls.	1998	\$11,630
0	C	100	3700004	WILLOWS ASSN.	01	1. Drill additional well. 2. Connect to Padre Dam Water District. The cost of this option has not been determined.	1998	\$17,000
0	C	100	2000544	HIDDEN LAKE WATER DISTRICT #1	01	INSTALL A NEW WATER TREATMENT PLANT (100 GPM CAPACITY), LARGER INTAKE PUMPS, AND ASSOCIATED PIPING AND ELECTRICAL FACILITIES. ALSO INSTALL AN ADDITIONAL 100,000 GALLON STORAGE TANK.	1998	\$250,000
0	C	125	3701988	ALPINE OAKS MOBILE ESTATES	01	Construct additional well and 20,000 gallon storage tank.	1998	\$100,000
0	C	300	4400598	GREENBELT WATER COMPANY	01	Drill and equip a new well, including appurtenances necessary to supply water to the system such as booster pump, pressure tank, and control system.	2000	\$38,000
0	C	332	3600222	JUNIPER RIVIERA CO WD	01	Construct new well	1998	\$130,000
0	C	343	3700905	PINE HILLS MUTUAL WATER CO.	02	Add additional well; increase present storage capacity; replace affected delivery lines.	1998	\$80,000
0	C	698	1910027	LOS ANGELES CO WW DIST 35-NORTHEAST	01	CONSTRUCT A NEW 500' SHADOW WELL, 4 MILES OF PIPELINES, A CHLORINATION SYSTEM, A BOOSTER STATION AND A FOREBAY TANK	1999	\$2,340,000
0	C	1500	4810013	Rural North Vacaville Water Distric	01	Design and construct a water system for the district.	1998	\$7,305,000
0	C	5050	3710009	Descanso CWD	01	New tanks, new lines and meters, upgrade wells, add filtration system, generator, tank site purchase, grading and fencing.	1998	\$1,300,000

**SRF Category: E**

Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
0	C	6603	3610047 SO CA WATER CO-WRIGHTWOOD	01	Construct new well	1998	\$300,000
0	C	25427	1910204 LOS ANGELES CO WW DISTRICT 29 & 80-	08	Installation of three 10" parallel pipelines and replacement of portions of the existing pipes with pipes using rigid joints.(This project is reranked and redefined per Dist memo dated 3/31/2000)	2001	\$2,000,000
0	C	25427	1910204 LOS ANGELES CO WW DISTRICT 29 & 80-	14	REPLACE PORTIONS OF THE EXISTING 10" AND 12" PIPELINES WITH 8,000' OF 16" PIPELINE (see 08)	2001	\$1,401,000
0	C	25427	1910204 LOS ANGELES CO WW DISTRICT 29 & 80-	13	REPLACE PORTIONS OF THE EXISTING 10" AND 12" PIPELINES WITH 11,000' OF 16" PIPELINE (see 08)	1999	\$1,932,000
0	C	25427	1910204 LOS ANGELES CO WW DISTRICT 29 & 80-	17	REPLACE THE EXISTING 8", 10" AND 12" PIPELINES WITH 16" PIPELINES (see 08)	2002	\$870,000
0	C	25427	1910204 LOS ANGELES CO WW DISTRICT 29 & 80-	05	REPLACE THE TWO EXISTING WATER TANKS WITH TWO NEW 100,000 GALLON RESERVOIRS. (See 08)	1999	\$700,000
0	C	25427	1910204 LOS ANGELES CO WW DISTRICT 29 & 80-	16	REPLACE THE EXISTING 8", 10" AND 12" PIPELINES WITH 16" PIPELINES(see 08)	2002	\$1,550,000
0	C	25427	1910204 LOS ANGELES CO WW DISTRICT 29 & 80-	01	REPLACE APPROXIMATELY 6700' OF EXISTING WATER MAINS AND UPGRADE 2 PUMP STATIONS. (See 08)	2000	\$870,000
0	C	25427	1910204 LOS ANGELES CO WW DISTRICT 29 & 80-	02	REPLACE APPROXIMATELY 8000' OF EXISTING WATER MAINS AND RECONSTRUCT A PUMP STATION. (see 08)	2001	\$1,600,000
0	C	25427	1910204 LOS ANGELES CO WW DISTRICT 29 & 80-	18	CONSTRUCT A 2 MG RESERVOIR AT THE EXISTING SUNSET MESA TANK FARM SITE (see 08)	2001	\$2,100,000
0	C	25427	1910204 LOS ANGELES CO WW DISTRICT 29 & 80-	03	CONSTRUCT A 500,000 GALLON TANK TO IMPROVE SYSTEM RELIABILITY.(See new definition and water outage noted in project 08)(4/	1999	\$1,000,000
0	C	25427	1910204 LOS ANGELES CO WW DISTRICT 29 & 80-	15	REPLACE THE EXISTING 10" PIPELINES WITH 1,100' OF 16" PIPELINE (see 08)	2001	\$1,550,000
0	C	25427	1910204 LOS ANGELES CO WW DISTRICT 29 & 80-	11	REPLACE EXISTING WATER MAINS.(See project 08)	2000	\$850,000
0	C	25427	1910204 LOS ANGELES CO WW DISTRICT 29 & 80-	10	REPLACE APPROXIMATELY 1,700 FT. OF WATER MAIN TO REDUCE MAINTENANCE COSTS.(See 08)	2000	\$840,000
0	P	72	0900410 LATROBE ELEMENTARY SCHOOL	01	Construct additional well and connect to storage tank.	1998	\$20,000
<b>Total Projects for 'Category' = E (84 Projects)</b>						<b>Total Costs for Category:</b>	<b>\$81,626,936</b>

**SRF Category: F**

Bonus	Type	Pop	System # and Name		Pre-App	Project Description	FY	Cost
45	C	1050	1500121	PLAINVIEW PUBLIC UTILITY DISTRICT	01	Drill a new well, install new pump and tie into another existing system. OTHER - Study, Design, Construction	1998	\$300,000
45	C	55000	3610064	EAST VALLEY WD	01	Consolidate water system into EVWD	1998	\$670,000
40	C	50	1500003	FENDERSON WATER SYSTEM	01	CONNECT TO SHAFTER WATER SYSTEM WHICH IS 1/4 MILE AWAY. OTHER - DESIGN AND CONSTRUCTION	1998	\$80,000
40	P	40	1502141	KERN SEVENTH DAY ADVENTIST ELEM SCH	01	CONSOLIDATE WITH SURROUNDING COMMUNITY WATER SYSTEMS AND CITY OF SHAFTER. OTHER - DESIGN AND CONSTRUCTION	1998	\$600,000
35	C	9616	2710011	City of Soledad	01	Replace private wells with connection to municipal water.	1998	\$220,000
35	C	9616	2710011	City of Soledad	02	Replace private wells with connection to municipal water.	1998	\$200,000
30	C	55	2701036	Apple Ave. WS #3	01	Drill deeper well or consolidate with City water system.	1998	\$75,000
30	C	240	5400666	GRAND-VIEW GARDENS	01	DRILL A NEW WELL. OTHER - DESIGN AND CONSTRUCTION	1998	\$250,000
25	C	100	3301746	WHISPERING SANDS	02	Connect to adjacent public water system, or drill new well.	2000	\$150,000
25	C	100	1000430	COUNTRY VIEW ALZHEIMER CENTER	01	CONSTRUCT A NEW WELL.	1998	\$20,000
25	C	175	5400735	RODRIQUEZ LABOR CAMP	01	DRILL A NEW WELL. OTHER - DESIGN AND CONSTRUCTION	1998	\$200,000
25	C	200	5400616	LEMON COVE WATER CO	01	Drill a new well and connect to system OTHER- Design and Construction	1998	\$150,000
25	C	250	1900236	CAMP JOSEPH PAIGE, CAMP CLINTON B.	02	CONNECT CAMP WATER SYSTEM TO SAN GABRIEL VALLEY WATER DISTRICT SYSTEM OR CONSTRUCT NEW WELL, STORAGE TANK, AND CHLORINATOR.	1998	\$350,000
25	C	340	2700773	Pajaro/Sunny Mesa CSD II	01	New water system would provide reliable, potable water for all residents. It would eliminate the older, shallow wells and possibly avoid the nitrate problem.	1998	\$1,350,000
25	C	400	3600019	ARROYO VERDE MWC	01	Consolidate with East Valley WD or construct treatment facility	1998	\$515,000
25	C	800	5401003	EAST OROSI C S D	01	DRILL A SECOND WELL FOR FUTURE USE IF PRIMARY WELL IS SHUT OFF. OTHER - DESIGN AND CONSTRUCTION	1998	\$180,000
25	C	1877	0011100	EASTON COMMUNITY SERVICES DISTRICT	01	CONSTRUCTION OF A NEW COMMUNITY WATER SYSTEM.	1998	\$3,050,000
25	C	2500	5410039	PLAINVIEW MUTUAL WATER COMPANY	01	DRILL NEW WELL, INSTALL ADEQUATE STORAGE, REPLACE WATER DISTRIBUTION SYSTEM. OTHER-DESIGN, CONSTRUCTION, TEST WELL	1998	\$500,000
25	P	550	1000285	WASHINGTON COLONY SCHOOL	01	CONSTRUCT A NEW WELL.	1998	\$225,000
20	C	25	3310075	Santa Ana Water Project Authority	01	Construction of pipeline to deliver water that meets all standards to water systems, to replace the use of high nitrate wells.	2000	\$8,074,000
20	C	40	3302362	Palm View RV Park	01	Connection to adjacent PWS. Or drill new well, or install treatment.	2000	\$200,000
20	C	60	1500373	SEVENTH STANDARD MUTUAL	01	UNDETERMINED UNTIL STUDY IS DONE. OTHER - STUDY, DESIGN AND CONSTRUCTION	1998	\$400,000
20	C	125	3200107	Grizzly Lake RID-(Crocker/Welch)	01	Obtain land for a 100,000 gallon water tank, drill a well, build a pump house, and install 400 feet of 6-inch water line.	1998	\$164,000

**SRF Category: F**

Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
20	C	200	5400663 FAIRWAY TRACT WATER CO	01	INSTALL NITRATE TREATMENT. OTHER - DESIGN AND CONSTRUCTION	1998	\$180,000
20	C	200	5400718 WILLIAMS MUTUAL WATER COMPANY	01	DRILL NEW WELL AND INSTALL NEW MAINS. OTHER - STUDY, DESIGN AND CONSTRUCTION	1998	\$440,000
20	C	235	3700936 RANCHO ESTATES MUTUAL WATER	01	Install a parallel domestic water distribution system for irrigation.	1998	\$598,935
20	C	320	5200012 Vista Grande Water System	01	Construct new well.	1998	\$20,000
20	C	462	1900996 MAPLE WATER COMPANY	02	PHASE 2 OF 2: DRILL A 2000 GPM WELL TO REPLACE THE 2 EXISTING WELLS	1998	\$975,000
20	C	462	1900996 MAPLE WATER COMPANY	01	PHASE I OF 2: CONSTRUCT MAPLE WATER TIE-INS TO IMMEDIATELY SOLVE THEIR NITRATE PROBLEM. COMPANY HAS TIED IN TO SUBURBAN WATER SYSTEMS.	1998	\$200,000
20	C	480	5602114 SANTA ROSA MUTUAL WATER CO	01	Convert all of the existing distribution system for agriculture use only. Construct supply lines for dual system with Camrosa Water District to supply potable water to customers.	2000	\$1,027,499
20	P	200	4200879 CUYAMA JOINT UNION DIST ELEM	01	Need to design and construct a new deeper well to provide potable water to the system	1998	\$100,000
15	C	65	5000022 Park Sierra MHP	01	DRILL NEW WELL	1998	\$20,000
15	C	70	2400210 FAWCETT FARMS SYSTEM	01	DRILL A NEW WELL.	1998	\$50,000
15	C	75	2210914 Porta Yosemite Mobile Home Park	01	CONSTRUCT ADDITIONAL WELLS AND/OR PROVIDE NITRATE REMOVAL TREATMENT.	1998	\$250,000
15	C	350	5400805 SOULTS MUTUAL WATER	02	DEEPEN WELL, RUN WATER CONNECTIONS THROUGH FRONT YARDS. OTHER - DESIGN AND CONSTRUCTION	1998	\$100,000
15	C	400	1500305 AIRPORT MUTUAL WATER SYSTEM	01	REPLACE OLD SYSTEM. OTHER - DESIGN AND CONSTRUCTION	1998	\$1,250,000
15	C	1000	2701202 Chualar Water District	01	Locate a remote well site and drill and install a new well head and system.	1998	\$900,000
15	C	42500	4010009 SAN LUIS OBISPO WATER DEPARTMENT	02	Construct nitrate removal treatment facility and carbon filtration system for PCE removal	2000	\$1,000,000
15	P	45	3701760 LAKE MORENA TRAILER RESORT	02	Drill well or consolidate with adajacent system..	2000	\$100,000
15	P	89	1600006 DELTA VIEW SCHOOL	01	INSTALL NEW WELL	1998	\$50,000
15	P	540	1000112 Sanger Unified School Distric- FAIRMONT SCHOOL	01	CONSTRUCT A NITRATE REMOVAL TREATMENT SYSTEM.	1998	\$158,200
15	N	25	5000402 OUR LADY OF ASSUMPTION CHURCH	01	THEY ASK FOR A NEW WELL. HOWEVER, IT MAY BE BETTER TO CONNECT TO THE NEARBY CITY OF TURLOCK SYSTEM.	1999	\$200,000
15	N	100	2400088 HENDERSON COUNTY PARK	01	INSTALL AUTOMATIC CHLORINATORS.	1998	\$10,000
15	N	100	1000099 FCPR - LOS GATOS CREEK PARK	01	INSTALL A CHLORINATION SYSTEM.	1999	\$10,000
15	N	100	2400088 HENDERSON COUNTY PARK	02	CONSTRUCT DISTRIBUTION SYSTEM IMPROVEMENTS.	1998	\$50,000
10	C	0	5610046 UNITED WTR CONS DIST	04	Design and construct a skid mounted nitrate removal plant for one well for blending.	1998	\$1,500,000

**SRF Category: F**

Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
10	C	25	5000297 BUEHNER APARTMENTS	01	INSTALL ION EXCHANGE TREATMENT (CONNECT TO PATTERSON?)	1998	\$70,000
10	C	100	1000077 WEST MC KINLEY WATER SYSTEM	01	CONNECT TO CITY WATER SYSTEM. INSTALL MAINS & METER. ABANDON EXISTING WELLS.	1998	\$75,000
10	C	140	2700771 Springfield Mutual Water Company	01	We need funds for evaluation, design, and repairs.	1998	\$200,000
10	C	667	5010033 City of Modesto, DE Grayson	01	DRILL NEW WELL IN LAIRD PARK AREA WHERE GOOD WATER IS AVAILABLE. PIPE THE WATER TO GRAYSON AND WESTLEY, THE OTHER COMMUNITY IN AREA WITH WATER QUALITY PROBLEMS. OTHER = DEISGN AND CONSTRUCTION	1998	\$4,100,000
10	C	9743	2710008 City of Greenfield	02	Install a water main to this property to hook up residences to City water.	1998	\$120,000
10	C	9743	2710008 City of Greenfield	01	Install a water main to this property to hook up residences to City water.	1998	\$250,000
10	N	40	5700546 AILEEN OLSON LABOR CAMP	01	Deepen well. Involves design and construction.	1998	\$17,000
10	N	500	2700999 Oak Park	02	Drill and equip a new well or else install nitrate removal treatment.	2000	\$25,000
10	N	725	5000490 Mountain View Chatom Rec	01	NEW WELL OR TREATMENT	1998	\$50,000
5	C	49	2700662 Murphy Hill Water System #1	01	Install 15000 gallon tank and slab. Install backflow device or a second 10,000 gallon tank and slab. Install 24 residential water meters.	1998	\$36,000
5	C	68	2700663 Murphy Hill Mutual Water #2	01	Remove old tank and install new steel tank.	1998	\$50,000
5	C	109	2700787 VEGA ROAD WATER SYSTEM #1	02	Drill and equip a new well.	2000	\$225,000
5	C	8250	5110005 Hillcrest Water Co. Region 5	01	Add nitrate removal treatment to existing wells. Construct two new wells and pipeline appurtenances.	1998	\$2,663,900
5	P	175	4400660 RANCHO SAN ANDREAS	02	Properly destroy abandoned well in vicinity of source. Design and construct nitrate removal treatment system.	2000	\$9,000
5	N	100	2702370 S.P.C. A. of Monterey County	01	Replace tank with bolted, steel tank. Design and install a new well.	1998	\$250,000
0	C	42	1900304 DELSUR GARDENS PARK WATER SYSTEM	01	NEED TO DRILL A NEW WELL DEEPER THAN EXISTING WELL AND REPLACE WELL PIPE.	1998	\$32,000
0	C	50	1900717 CASA DULCE ESTATES	01	Study treatment options for Nitrate.	2000	\$5,000
0	C	50	1900717 CASA DULCE ESTATES	04	Design and install nitrate treatment system at the wellhead.	2000	\$30,000
0	C	93	5601122 TICO MUTUAL WATER CO	05	Drill replacement well for the TICO MWC's main well.	1999	\$112,000
0	C	93	5601122 TICO MUTUAL WATER CO	06	Provide most cost efective approach to nitrate management to ensure nitrate MCL limits are not exceeded.	1998	\$325,000
0	C	150	4300912 Mecchi Water Company	01	Replace 2" main with 4" main. Install meters for all customers.	1998	\$80,000
0	C	150	4300912 Mecchi Water Company	02	Replace tank. Resolve chlorination problems. Purchase back-up generator. Connect residences on well site to sewer system and abandon septic tank.	1998	\$40,000
0	C	250	4300575 Twin Valley, Inc.	02	Install new tank & piping.	1998	\$150,000
0	C	250	4300575 Twin Valley, Inc.	01	Drill more wells. Add 50,000 gallon water tank.	1998	\$150,000

**SRF Category: F**

Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
0	C	1000	2701202 Chualar Water District	02	Rehabilitation/relining community source water supply well; new well or treatment if necessary	2000	\$250,000
0	C	5000	1910251 Agua Dulce Town Council Water Stewa	01	Developed scenarios for nitrate mitigation and future water treatment.	1998	\$100,000
0	C	12440	4010004 GROVER BEACH WATER DEPARTMENT	03	Sandblast/remove damaged paint and corrosion, then apply new coating system	1998	\$35,000
0	C	12440	4010004 GROVER BEACH WATER DEPARTMENT	04	Repair/replace mechanical and central system components	1998	\$300,000
0	C	12440	4010004 GROVER BEACH WATER DEPARTMENT	05	Replace unit with new Chemsan UV-3100 and process analyzer	1998	\$30,000
0	C	12440	4010004 GROVER BEACH WATER DEPARTMENT	02	Replace computer and software monitoring and control system	1998	\$20,000
0	C	13000	3510001 City of Hollister	12	Construct membrane filtration plant to treat water from a surface source. Blend treated surface water with well water to reduce nitrate concentration in water delivered to distribution system.	2000	\$6,500,000
0	C	26000	5610063 CAMROSA WATER DISTRICT	01	Provide electrodialysis reversal treatment of groundwater with denitrification of resulting brine.	1998	\$2,800,000
0	P	26	4800821 ALDEA INC	01	Install water treatment system.	1998	\$50,000
0	P	78	3500825 Union Heights MWC	01	Refurbish existing well or replace with new well	2000	\$60,000
0	P	375	3900953 WAVERLY ELEMENTARY SCHOOL	01	NEW WELL, PUMP AND TANK;	1998	\$45,000
0	P	475	3900757 WATERLOO SCHOOL	01	NEW WELL, PUMP AND TANK	1998	\$45,000
0	P	650	3500548 Spring Grove Elem School	01	Install a filtration system to reduce the nitrate level.	1998	\$80,000
0	P	3000	1900795 ANTELOPE VALLEY JOINT UNION H.S.	01	INSTALL A CHLORINE INJECTION SYSTEM IN WATER DISTRIBUTION SYSTEM	1998	\$18,000
0	N	10	3702338 REGAL RESORT CAMELOT	01	Existing single storage reservoir is in poor repair. A new tank will be added to safely store adequate quantities of water. Pipe replacement needed throughout distribution system due to leaks and age/condition of piping. New well to be installed...	1998	\$65,000
0	N	25	3500559 Quintero Labor Camp #1 (Wright Rd)	01	Install chlorination system and nitrate anion exchange systems.	1998	\$25,000

**Total Projects for 'Category' = F (86 Projects)**
**Total Costs for Category: \$46,600,534**



**SRF Category: G**

Bonus	Type	Pop	System # and Name		Pre-App	Project Description	FY	Cost
45	P	450	1502260	SOUTH FORK SCHOOL WATER SYSTEM	01	Connect to another system with acceptable water quality or drill a new well	2000	\$300,000
40	C	75	1009177	BRITZ INC/HELM SYSTEM	01	INSTALL A PIPELINE TO INTERCONNECT TO THE NEARBY HELM ELEMENTARY SCHOOL WATER SYSTEM.	1998	\$19,000
40	C	175	5400554	WESTERN SKY MOBILE HOME PARK	01	CONNECT TO THE CITY OF DINUBA.	1998	\$95,000
35	C	70	2000526	PIKE RANCH MUTUAL WATER CO	01	DRILL NEW WELLS OR CONNECT TO A NEARBY WATER SYSTEM, INSTALL A NEW STORAGE TANK AND DISTRIBUTION LINES.	1998	\$450,000
35	C	130	1600004	FOUR SEASONS MOBILE HOME PARK	01	CONSOLIDATE WITH THE CITY OF HANFORD	1998	\$184,000
30	C	40	1500461	FOUNTAIN TRAILER PARK WATER	01	Connection to North Edwards Water District (System no. 1510052)	2000	\$181,425
30	C	280	1510052	NORTH EDWARDS WD	02	Lay approx. one mile of 8" PVC main and construct storage tank.	2000	\$181,425
25	C	25	1300563	ROSS CORNER WELL 1	01	Replace well.	2000	\$100,000
25	C	200	1500393	RAINBIRD VALLEY MUTUAL	01	Add one more well or upgrade back-up well (later been our priority). Other - Design/Construction	1998	\$30,000
25	C	10700	1510001	ARVIN COMMUNITY SERVICES DIST	01	REPLACE THE WELL WITH A NEW WATER WELL. OTHER - DESIGN AND CONSTRUCTION	1998	\$250,000
25	C	30000	1910013	BELLFLOWER - SOMERSET MWC	01	Design and construct replacement wells.	1999	\$1,000,000
25	P	100	4700559	Butteville Union School	01	Installed limestone contactor to reduce corrosion of distribution system. Plan to replace all drinking fountains within the classrooms (4) with lead-free faucets.	1998	\$3,000
25	P	200	5305107	So Trinity Unified School Dist.	02	Design and construction of corrosion control treatment system to mitigate excessive copper.	1998	\$6,750
20	C	30	0012158	COMMUNITY WELL WATER SYSTEM	01	CONSOLIDATE WITH SMALL WATER SYSTEM AND CITY OF SHAFTER. OTHER - DESIGN AND CONSTRUCTION	1998	\$600,000
20	C	71	4900643	Mount Weske Estates Mutual Water Co	01	Engineering study, design and construction to determine optimum resolution of problem. For example: a) operate pump a different depth, b) connect to Windsor City water supply.	1998	\$100,000
20	C	1000	1010035	DEL REY COMMUNITY SERV DIST	01	DRILL TWO NEW PRODUCTION WELLS.	1998	\$835,600
20	C	1000	1010042	MALAGA COUNTY WATER DISTRICT	05	NEW WELL NO. 6 DESIGNED TO AVOID CONTAMINATION	1998	\$92,000
20	C	1100	3310028	Riverside CSA #122	01	Construct a new supply well, filtration treatment units, storage reservoir, and a transmission main pipeline connection to the Riverside Country Airport-Blythe.	1998	\$2,000,000
20	C	1200	1010049	BIOLA COMMUNITY SERVICES DIST	01	CONSTRUCTION OF A NEW WELL AND PIPELINE TO CONNECT IT TO THE SYSTEM.	1998	\$400,000
20	C	2000	1710012	Cobb Area County Water District	02	Build a limestone contractor.	1998	\$17,000
20	C	4600	1710004	Lakeport, City of	02	Provide pH/corrosion control facilities.	1998	\$120,000

**SRF Category: G**

Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
20	C	6700	1010018 KERMAN, CITY OF	01	DEVELOPMENT OF A NEW GROUNDWATER SUPPLY OUTSIDE OF THE CITY AND INSTALLATION OF A TRANSMISSION LINE TO CONVEY THE WATER TO THE CITY.	1998	\$4,000,000
20	C	16250	1010024 CALIFORNIA WATER SERVICE - SELMA	02	DESIGN AND CONSTRUCT TREATMENT FACILITIES.	2001	\$750,000
15	C	14	0012159 Shafter	01	CONSOLIDATE WITH NEIGHBORING WATER SYSTEMS AND CITY OF SHAFTER. OTHER - DESIGN AND CONSTRUCTION.	1998	\$600,000
15	C	80	0001403 Gomez Ranch	01	Construct a system that correct the high flouride level.	1998	\$30,000
15	C	100	1000004 BELMONT WATER CORPORATION	01	Deepen the existing well or drill a new well.	1998	\$30,000
15	C	340	3900831 ARBOR MOBILE HOME PARK	03	Build 80,000 gallon storage tank. Design and construction	1999	\$50,000
15	C	500	1600503 CURTIS WATER COMPANY	01	CONNECT TO CITY OF HANFORD PUBLIC WATER SYSTEM. OTHER - DESIGN AND CONSTRUCTION	1998	\$716,430
15	C	500	1510043 ONYX WC	01	DRILL AND EQUIP A NEW WELL AND/OR PROVIDE TREATMENT. OTHER - DESIGN AND CONSTRUCTION	1999	\$500,000
15	C	1700	1010039 CARUTHERS COMM SERV DIST	02	DRILL NEW WELL, HYDROPNEUMATIC TANK, AND STANDBY POWER GENERATOR. OTHER - DESIGN AND CONSTRUCTION	1998	\$555,000
15	C	2170	2010007 HILLVIEW WC-OAKHURST/SIERRA LAKES	01	OBTAIN SURFACE WATER FROM BASS LAKE (ABOUT 7 MILES AWAY) AND CONSTRUCT SURFACE WATER TREATMENT AND DISTRIBUTION FACILITIES TO BLEND THE TREATED SURFACE WATER WITH THE URANIUM CONTAMINATED WELL WATER.	1998	\$5,000,000
15	C	3450	3410704 Mather AFB - Wherry Housing Area	07	Design and construct new well.	1998	\$250,000
15	C	3750	1010006 FOWLER, CITY OF	01	HAVE WELL 1 REDEVELOPED AND ADD STORAGE TANKS. INSTALL CHLORINATION STATIONS AT ALL WELLS. CONSTRUCT 15,000 GAL. STORAGE TANKS. REPLACE ALL STEEL MAINS WITH C-900 TO LOOP THE SYSTEM. OTHER - DESIGN AND CONSTRUCTION	1998	\$750,000
15	C	8505	1010019 KINGSBURG, CITY OF	02	PURCHASE PROPERTY ADJACENT TO WELL NO. 11 FOR FUTURE INSTALLATION OF GAC FILTRATION SYSTEM.	1998	\$50,000
15	C	8505	1010019 KINGSBURG, CITY OF	04	CONSTRUCT A GAC FILTRATION SYSTEM FOR WELL NO. 11.	2000	\$400,000
15	C	8505	1010019 KINGSBURG, CITY OF	03	DESIGN A GAC FILTRATION SYSTEM FOR WELL NO. 11.	1999	\$40,000
15	C	8505	1010019 KINGSBURG, CITY OF	01	PREPARE A FEASIBILITY STUDY TO EVALUATE THE EXTENT OF THE PROBLEM AND TO DEVELOP ALTERNATIVES.	1998	\$30,000
15	C	18100	2410005 LOS BANOS-CITY	01	Construct IX treatment system	2000	\$600,000
15	C	23947	2410001 ATWATER, CITY OF	01	CONSTRUCT A TEST WELL AND PRODUCTION WELL TO REPLACE WELL NO. 10 AND PERFORM REMEDIATION WORK ON WELL NO. 20.	1998	\$605,200
15	C	66000	3310012 Elsinore Valley MWD	06	See attached sheet	1998	\$1,800,000
15	P	130	1400019 ROUND VALLEY SCHOOL	01	Study to determine cause of problem	1998	\$5,000
15	P	240	1600017 ISLAND UNION SCHOOL	01	REPLACE UNADEQUATE POWER PANEL, DRILL NEW WELL, REPLACE EXISTING DISTRIBUTION SYSTEM. OTHER - DESIGN AND CONSTRUCTION	1998	\$50,000

**SRF Category: G**

Bonus	Type	Pop	System # and Name		Pre-App	Project Description	FY	Cost
10	C	17	2700547	Ed's Water Company #2	01	Replace well. This would involve study, design, and construction.	2000	\$50,000
10	C	20	0012157	SHAFTER	01	CONSOLIDATE WITH NEIGHBOR-WATER SYSTEMS AND TIE INTO CITY OF SHAFTER WATER LINE. OTHER - DESIGN AND CONSTRUCTION.	1998	\$600,000
10	C	120	5000313	BUEHNER-PRUNE AVENUE	01	NEW WATER WELL OR TREATMENT.	2000	\$50,000
10	C	200	2000550	LAKE SHORE PARK MAINTENANCE	01	CONSTRUCT A SURFACE WATER TREATMENT PLANT TO TREAT WATER FROM BASS LAKE.	1998	\$300,000
10	C	225	2000551	MARINA VIEW HEIGHTS MAINT	02	CONSTRUCT A SURFACE WATER TREATMENT PLANT TO TREAT WATER FROM BASS LAKE.	1998	\$300,000
10	C	2600	3310019	Idyllwild WD	04	Conduct a corrosion control study and construct an appropriate treatment system.	1998	\$50,000
5	C	130	2900562	Ananda Village Water System	01	Install dedicated pump line to storage tanks and aerator at tanks.	1998	\$25,000
5	C	200	2210924	Yosemite West Water System	02	CONDUCT A STUDY, DESIGN AND CONSTRUCT TREATMENT FACILITIES TO ELIMINATE THE HIGH COPPER LEVELS IN THE SYSTEM.	1998	\$75,000
5	C	1000	3310040	Fern Valley WD	01	Treatment on 7 Wells.	2000	\$400,000
5	C	3200	4210019	MISSION HILLS CSD	01	Design and construct storage, handling and injection facilities for a corrosion inhibitor.	2000	\$40,000
5	C	5520	3010070	Southern Calif WC - Yorba Linda	02	Install ion-exchange facility to remove Uranium.	1998	\$500,000
5	C	5520	3010070	Southern Calif WC - Yorba Linda	03	Install GAC treatment to remove PCE.	1998	\$250,000
5	C	57000	1910092	MONTEREY PARK-CITY, WATER DEPT.	06	Design and construct VOC treatment plant and associated piping.	1998	\$1,300,000
5	P	125	1502607	PIUTE MOUNTAIN SCHOOL WATER	01	DRILL A NEW WELL. OTHER - DESIGN AND CONSTRUCTION	1998	\$50,000
5	P	300	2700727	San Antonio Elementary School	01	Drill new well and install filter system.	1998	\$25,000
0	C	45	1900827	HILLCREST MOBILE HOME PARK	01	NEW SUPPLY AND SYSTEM	1998	\$234,000
0	C	80	3302069	Lapena Ranch Housing	01	Construct a well and 60,000 gal storage tanks and install a fire pump for required pressure.	1998	\$34,400
0	C	161	3900720	SHADED TERRACE	01	DRILL NEW WELL AND INSTALL AUXILIARY POWER. CONSOLIDATE WITH NEIGHBORING SYSTEMS. OTHER = DESIGN AND CONSTRUCTION	1998	\$450,000
0	C	300	2700702	Prunedale Mutual Water Association	01	Drill a new well and construct transmission line. Possibly purchase land for this new well site?	1998	\$70,000
0	C	364	4400539	Manana Woods MWC	03	Increase size of aeration towers and GAC filters.	2000	\$250,000
0	C	1250	4010010	SLO CWWO NO. 1 - SAN MIGUEL	01	Study to determine source of problem, design & construct solution (treatment or new well)	1998	\$500,000
0	C	1965	3301227	EAGLE MOUNTAIN WATER CO	01	Install treatment plant and new pipeline as necessary.	1999	\$2,000,000
0	C	7000	3610114	CLAWA WHOLESALE	01	Feasibility study with design and construction of facilities to meet THM MCL	1999	\$2,400,000
0	C	7744	4910011	Sebastopol, City of	01	Planning, design and construction of a air stripper at well 4.	1998	\$800,000

**SRF Category: G**

Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
0	C	8000	1910060 LA PUENTE VALLEY CWD	01	Installed 1500 gpm air stripping tower.	1998	\$627,396
0	C	16000	1910063 LINCOLN AVENUE WATER CO.	01	Installed granular activated carbon (GAC) treatment system.	1998	\$300,000
0	C	91000	1910034 CITY OF DOWNEY	05	Constructed replacement Well #11.	1998	\$901,350
0	P	25	2100575 FULL CIRCLE PROGRAMS, INC.	02	Install Hydrotech 100 gpd TFC Reverse Osmosis System with Pre-Filters and Post Filters, Storage tank.	1999	\$5,000
0	P	525	4900699 Olivet Elementary School	01	A new well was drilled to supply the system.	1998	\$20,506
0	N	200	3301152 OASIS SCHOOL - COACHELLA	01	Segregate the irrigation water lines from the domestic lines to reduce the flow of water used for domestic purposes. Also, hire an engineer to monitor on a regular basis the water flow. Continue to maintain the system by sanitizing and changing filt	1998	\$100,000

**Total Projects for 'Category' = G (72 Projects)**

**Total Costs for Category: \$36,484,482**

**SRF Category: H**

Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
25	C	75	1400098 DARWIN COMMUNITY	03	Replace transmission line	1998	\$1,000,000
25	C	300	3200510 Sorsoli Water Company	01	Water storage tank, mainline replacement with valves and fire hydrants.	1998	\$600,000
20	C	350	3700934 PAUMA VALLEY MUTUAL WATER CO.	01	We have installed walls and booster pumps nad need tanks.	1998	\$600,000
20	C	400	2400172 MERCED ADULT CORRECTIONAL FACILITY	01	CONSTRUCT A NEW 100,000 GALLON BOLTED STEEK TANK AND INSTALL AN AUTOMATIC CHLORINATOR.	1998	\$100,000
20	C	547	3700938 YUIMA MUNICIPAL IDA	01	Install flating polypropyline covers.	1998	\$194,400
20	C	1600	4710006 McCloud C.S.D.	02	Construct new pipe line and seal spring.	2001	\$2,406,842
20	C	1600	4710006 McCloud C.S.D.	01	Construct a cover over the 1.25 million gallon storage tank so it can be used continuously.	1998	\$1,000,000
20	C	2844	0510003 Angels, City of	01	CONSTRUCT STEEL TANK TO REPLACE OPEN CLEARWELL. OTHER = DESIGN AND CONSTRUCTION.	1998	\$752,945
20	C	24500	3310006 BANNING, CITY OF	01	Replace the entire 16,000 L.F. of 18" and 20" with a new 20" C.M.L.C. pipe.	1998	\$2,000,000
20	C	26000	0410007 Paradise Irrigation District	01	Remove "B" reservoir and install new 10 MG reservoir.	1998	\$3,700,000
15	C	175	5400550 BENZENBERG PHILLIP G H	01	REPLACEMENT OF THE ENTIRE PLUMBING SYSTEM. OTHER - DESIGN AND CONSTRUCTION	1998	\$300,000
15	C	950	1810004 Leavitt Lake CSD	01	The District would like to put in an above ground storage tank of approximately 300,000 gallons capacity.	1998	\$250,000
15	C	9920	2910006 Nevada ID - Loma Rica	08	Replace liner and floating cover. Involves design and construction.	1998	\$260,000
15	C	45000	5710003 West Sacramento, City of	01	Add a rigid cover to the clearwell and keep the floating cover, too.	1998	\$325,000
15	C	45000	5710003 West Sacramento, City of	05	Add a rigid cover to the clear well and keep the floating cover.	1998	\$500,000
15	C	93932	4210010 SANTA BARBARA WATER DEPARTMENT	01	Study, design and construct best alternative to eliminate open distribution reservoir.	1998	12,000,000
10	C	490	2701676 San Lucas County Water System	05	Design and engineer a pressure system.	1998	\$16,500
10	C	1E+05	3710006 Escondido - City of	04	Design and construct pressurized pipeline replacement.	1998	\$500,000
10	C	4E+05	3410020 Sacramento, City of	08	Expose concrete roof; place waterproofing membrane on concrete, then rebury roof.	1998	\$250,000
5	C	75	1900158 LITTLE BALDY WATER CO.	02	EXPOSE OLD LINE, REPLACE WITH NEW 6 INCH PVC SCHEDULE 90 PIPE, AND REFILL TRENCH.	1998	\$1,050,000
5	C	120	3100011 AUBURN VALLEY COUNTRY CLUB	02	Replace cover. Involves design and construction.	1998	\$40,000
5	C	150	1900147 MESCAL CREEK WATER INC.	04	INSTALL CLOSED STORAGE TANKS.	2001	\$550,000
5	C	300	3110043 Madden Creek Water Company	01	Install new steel tank.	1999	\$47,500
5	C	1650	1910035 KINNELOA IRRIGATION DIST.	02	Replace and realign damaged line to restore delivery of a potable water source.	1998	\$130,000

**SRF Category: H**

Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
5	C	6400	1310006 Imperial - City of	01	Demolish and remove existing corroded reservoir and construct new 2 MG reservoir and provide coordination with existing 2 MG remote reservoir.	1998	\$1,800,000
5	C	7500	0910003 Placerville, City of - Main	04	Install water tank as replacement.	1998	\$462,000
5	C	7500	0910003 Placerville, City of - Main	01	Construction of a rigid structure cover or installation of a tank.	1998	\$225,000
5	C	7500	0910003 Placerville, City of - Main	02	Construction of a rigid structure cover or installation of a tank.	1998	\$325,000
5	C	10740	0910001 El Dorado ID - Main	13	Replace floating cover with rigid cover. Involves design and construction.	1999	\$2,300,000
5	C	10740	0910001 El Dorado ID - Main	15	Replace floating cover with rigid cover and an adequate bypass. Involves design and construction.	1998	\$800,000
5	C	10740	0910001 El Dorado ID - Main	17	Replace floating cover with a rigid cover and an adequate bypass. Involves design and construction.	1998	\$1,700,000
5	C	10740	0910001 El Dorado ID - Main	16	Replace floating cover with a rigid cover and an adequate bypass. Involves design and construction.	1998	\$800,000
5	C	10740	0910001 El Dorado ID - Main	12	Replace floating cover with a rigid cover and an adequate bypass. Involves design and construction.	1998	\$600,000
5	C	10740	0910001 El Dorado ID - Main	14	Replace floating cover with a rigid cover. Involves design and construction.	1998	\$2,800,000
5	C	10740	0910001 El Dorado ID - Main	11	Replace floating cover with a rigid cover and adequate bypass. Design and construction is involved.	1998	\$1,700,000
5	C	11500	3110005 Placer CWA - Auburn/Bowman	02	Design and construct steel or concrete 10 mg reservoir.	1999	\$2,800,000
5	C	19048	3710016 Rainbow MWD	02	Replace with a 5 MG steel tank, add aluminum roof, add hypalon cover, or convert to raw water impoundment and add microfiltration. NOTE: steel tank/ \$3M, micro plant/\$4.5M, HYPALON/\$0.3M, roof/\$1.5M	1998	\$4,500,000
5	C	19048	3710016 Rainbow MWD	04	Add hypalon cover, or convert to raw water impoundment and add 10.5 MGD microfiltration. NOTE: micro plant/\$13.3M, HYPALON/\$2.6M	1998	13,300,000
5	C	19048	3710016 Rainbow MWD	01	Add light weight aluminum roof or hypalon cover. NOTE: only 2,000,000 for HYPALON cover.	1998	13,000,000
5	C	19048	3710016 Rainbow MWD	03	Add aluminum roof, add hypalon cover, or convert to raw water impoundment and add microfiltration. NOTE: micro plant/\$8.9M, HYPALON/\$0.5M, roof/\$3.2M	1998	\$8,900,000
5	C	39000	3710002 Vallecitos WD	01	Please see attached	1998	28,083,000
5	C	90100	3710027 Vista I.D.	01	Permanent replacement of Vista Flume with pressure pipeline. See Attachment 2 and 3.	1998	14,430,000
0	C	89	4300804 Arastradero Mutual Water Company	01	Replace existing 2" lines with 6" at source.	1998	\$300,000
0	C	180	4100509 COUNTY SERVICE AREA 7	02	Replace old undersized water mains. Relocate the section of mains that are crossing the creek to prevent fires.	1999	\$1,600,000
0	C	300	0001406 El Sobrante MWC	01	See attached.	1999	\$1,000,000
0	C	500	0707576 PLEASANTIMES MUTUAL WATER CO	01	4" minimum and add another well. 7,000 L.F.	1998	\$85,000
0	C	1300	1910199 CAL DOMESTIC WATER CO.	01	INCREASE PSI BY CONSTRUCTING NEW STEEL RESERVOIR AT 318' AND REPLACING APPROX. 10,000' OF 48" PIPELINE THAT ARE UNABLE TO CARRY ANY ADDITIONAL PSI.	1998	\$4,750,000
0	C	3200	3110009 Meadow Vista County Water Dist	02	Replace two (2) 2mg reservoirs with welded steel tanks.	1998	\$2,259,000

**SRF Category: H**

Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
0	C	11100	4210007 MONTECITO WATER DIST	02	Construct piping around existing reservoir to provide inlet at back of reservoir, promote circulation of water in reservoir.	1998	\$150,000
0	C	11100	4210007 MONTECITO WATER DIST	04	Cover the open distribution reservoir.	1999	\$5,000,000
0	C	16500	4210001 CARPINTERIA VALLEY WATER DISTRICT	01	Cover the existing reservoir or construct a filtration treatment plant to retreat the water supply.	1998	\$3,000,000
0	C	68500	3010023 City of Newport Beach	01	Big Canyon Reservoir is an uncovered reservoir.	1998	\$5,000,000
0	C	69300	3610037 REDLANDS CITY MUD-WATER DIV	02	Construct facilities to maintain constant head in the line	1998	\$500,000
0	C	70500	2810003 Napa, City of	02	Construct new 5 MG treated water storage reservoir at the site of the old 30 MG reservoir.	1998	\$3,700,000
0	C	2E+05	1910048 CASTAIC LAKE WATER AGENCY	02	CONSTRUCT NEW CLEARWELLS. THE DESIGN OF THE EXISTING CLEARWELLS WAS SPECIFIC FOR FLOATING COVERS, SO THESE STRUCTURES CANNOT BE MODIFIED TO ACCEPT RIGID COVERS.	1998	20,000,000
0	C	2E+05	0710003 Contra Costa Water District	19	Construct a 7300 foot of 24-inch diameter pipeline extending from the 24 inch main.	2002	\$2,752,000
0	C	2E+05	3710010 Helix WD	01	Installation of 20,000' of 42", 8,900' of 24", and 12,700' of 16" pressure mains to eliminate potential for infiltration and contamination.	1998	22,400,000
0	C	2E+07	1910087 METROPOLITAN WATER DIST. OF SO. CAL	01	Design and install a floating cover upon completion of the liner system.	1998	10,000,000

**Total Projects for 'Category' = H (58 Projects)**
**Total Costs for Category: \$209,594,187**

**SRF Category: I**

Bonus	Type	Pop	System # and Name		Pre-App	Project Description	FY	Cost
25	C	77	0410012	O.W.I.D.-Bangor	01	Construct new 60,000 gallon storage tank or 25 KW generator.	1998	\$30,000
25	C	200	5510030	BIG HILL WATER CO-MONTE GRANDE	01	CONSOLIDATE WITH TUD'S WILLOW SPRINGS SYSTEM VIA PIPELINE/PUMP STATION.	2000	\$476,000
25	C	250	1009131	COIT GINNING COMPANY	01	REPLACE THE STORAGE TANKS WITH BAFFLED TANKS AND UPGRADE THE PLANT.	1998	\$30,000
25	C	500	1210022	Resort Improvement Dist. No.1	06	Develop plan and specifications and complete construction.	1998	\$935,000
25	C	500	1210022	Resort Improvement Dist. No.1	05	Engineering planning.	1998	\$20,800
25	C	993	3310041	Jensen Water Company	01	Implement crypto action plan	1998	\$50,000
25	C	1330	1310012	SCWC Niland	01	Upgrade treatment plant with pressure contact clarifiers, 0.6 MG of storage, and chemical feed and control enhancements. See feasibility study by Kennedy/Jenks Consultants. Replace undersized mains.	1998	\$2,530,000
25	C	1400	1210008	Garberville Water Co.	01	May need a clarifier or additional filter.	1998	\$100,000
25	C	2000	3210001	Bidwell Water Company, Inc.	02	Consider pre-treatment, clarifiers, additional filters, or new treatment plant.	1998	\$75,000
25	C	2000	0000265	Indian Valley CSD-Greenville	01	Add additional filter and rehabilitate water system.	1998	\$1,002,650
25	C	2455	1310003	SCWC-Calipatria	01	Upgrade treatment plant with pressure contact clarifiers, 1.5 MG of storage, and chemical feed and control enhancements. See feasibility study by Kennedy/Jenks Consultants. Replace undersized mains.	1998	\$4,634,000
25	C	3000	1710008	Nice Mutual Water Company	05	Evaluate plant condition, recommend improvements and construct improvements.	1998	\$500,000
25	C	5669	1010044	HURON, CITY OF	01	INSTALLATION OF CLARIFIERS TO REDUCE DOWN TIME AND INCREASE THE PRODUCTION OF THE EXISTING PLANTS.	1999	\$500,000
25	C	6549	1710002	California Cities Water Company	03	Install sludge meter and vault.	1998	\$20,000
25	C	6549	1710002	California Cities Water Company	04	Install a variable speed drive on each flocculate.	1998	\$10,000
25	C	9500	0410005	Cal-Water Service Co.-Oroville	01	Treatment plant upgrades: particle counter, liquid alum feeder/mixer, current monitor, SCADA system and gaseous chorine containment.	1998	\$220,000
25	C	9500	0410008	Thermalito Irrigation District	02	Purchase and install clarifyer to direct filtration plant.	1998	\$800,000
25	C	24000	1310002	Calexico - City of	01	See Attached Exhibit B. (HYA Consulting Engineers preliminary design report)	1998	\$6,400,000
25	C	1E+06	3710020	San Diego - City of	49	Construction of clear well.	2000	13,140,000
25	P	100	5304209	Junction City School	01	Replacement of filter media.	1998	\$1,500
25	N	150	0600041	Fouts Springs Boy's Ranch	01	Replace existing raw water storage tank and piping. Add 50,000 gallon clearwell tank.	1998	\$224,000
20	C	30	1009215	FELGER FARMS	01	CONSTRUCT NEW SURFACE WATER TREATMENT FACILITIES.	1998	\$18,500
20	C	130	1000019	FRESNO COUNTY SERVICE AREA 30	01	INSTALL AN ADDITIONAL STORAGE TANK TO INCREASE STORAGE CAPACITY FOR SYSTEM RELIABILITY.	1998	\$200,000
20	C	485	1210024	Westhaven C.S.D.	02	Roughing filter.	1998	\$35,000



**SRF Category: I**

Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
20	C	620	5510033 TUD-Scenic View/Scenic Brook	04	CONSTRUCT A PIPELINE TO REPLACE THE OPEN DITCH FROM THE SHAWS FLAT PIPELINE TO PHOENIX ROAD.	1999	\$147,000
20	C	650	1210018 City of Trinidad	01	Construct a clarifier and make other system improvements.	1998	\$100,000
20	C	1500	3210005 Graeagle Water Company	01	Construct a new 700,000 gallon storage tank.	1998	\$250,000
20	C	1568	4710007 City of Montague	02	Installation of ozonation facilities.	1998	\$200,000
20	C	2500	2210001 MARIPOSA PUBLIC UTILITY DIST	03	UPGRADE ORT REPLACE TREATMENT UNIT PROCESSES.	1998	\$1,100,000
20	C	2844	0510003 Angels, City of	02	INSTALL ADDITIONAL FILTER.	1998	\$381,257
20	C	6546	1610002 AVENAL, CITY OF	01	RELOCATE THE TURNOUT UPSTREAM OF THE EXISTING CHECK STRUCTURE. OTHER - DESIGN AND CONSTRUCTION	1998	\$990,000
20	C	11000	5510001 TUD - SONORA/JAMESTOWN WATER SYSTEM	02	ADD A 4TH FILTER, FLOW CONTROL VALVE AND CLARIFIER, AND CONVERT FROM GAS CHLORINATION TO HYPOCHLORINATION.	1998	\$282,000
20	C	3E+05	3910006 Stockton East Water District	02	CONSTRUCT TWO FILTERS TO PERMIT FILTRATION RATES TO MEET REGULATORY LIMITS DURING FILTER MAINTENANCE.	2000	\$1,500,000
20	C	3E+05	3910006 Stockton East Water District	01	BUILD 15 ACRE RAW WATER STORAGE RESERVOIR AND PROVIDE BACKWASH TREATMENT AHEAD OF RECYCLE.	2001	\$1,000,000
20	C	3E+05	3910006 Stockton East Water District	03	CONSTRUCT NEW 10 MG CLEARWELL TO MEET INCREASING DISINFECTION REQUIREMENTS.	1999	\$4,500,000
20	C	3E+05	3910006 Stockton East Water District	04	CONSTRUCT ADDITIONAL 2 MG SEDIMENTATION BASIN.	1998	\$3,500,000
20	P	120	1000359 CANTUA CREEK RELOCATION	02	CONSTRUCT A BACKUP WELL TO PROVIDE DOMESTIC WATER DURING PERIODS THAT THE SURFACE WATER SUPPLY FROM WESTLANDS IS INTERRUPTED.	1998	\$214,350
15	C	205	1009026 O'NEILL CATTLE FEEDING COMPANY	01	INSTALL PRESSURE CLARIFIER ON SYSTEM, ADD TWO NEW 42" DIAMETER DUAL MEDIA PRESSURE FILTERS. INSTALL NEW PRESSURE TANK AND TWO NEW 20,000 GAL. GALVANIZED STORAGE TANKS. PREPARE DISTRIBUTION SYSTEM OPERATIONS PLAN. OTHER - DESIGN AND CONSTRUCTION.	1998	\$98,000
15	C	490	2300591 Pine Mountain Mutual Water Co.	01	Dig a backwash pond system with sufficient detention time.	1998	\$11,000
15	C	600	1400010 Rolling Green Utilities, Inc.	01	Purchase and install on-site chlorine generators	1998	\$7,500
15	C	600	1000290 WESTSIDE SCHOOL	01	INSTALL NEW FILTER SYSTEM.	2001	\$50,000
15	C	3700	5310001 Weaverville C.S.D.	01	Upgrade the existing clarifier system.	1998	\$50,000
15	C	3700	5310001 Weaverville C.S.D.	03	The project would construct a clarifier and facilities for pre chlorination and coagulation.	1999	\$125,000
15	C	8000	0310012 ACWA Buckhorn Plant	03	DIVERT WATER BY GRAVITY AT A HIGHER ELEVATION TO SAVE PUMPING AND TO ASSURE CONSISTENTLY GOOD RAW WATER QUALITY. OTHER = DESIGN AND CONSTRUCTION	1998	\$2,250,000
15	C	9920	2910006 Nevada ID - Loma Rica	01	Add flash mix equipment and add baffles in the flocculation basin. Involves design and construction.	1998	\$110,000
15	C	42500	4010009 SAN LUIS OBISPO WATER DEPARTMENT	01	Construct additional sedimentation basin at existing water treatment plant	2000	\$2,000,000

**SRF Category: I**

Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
15	C	66000	3310012 Elsinore Valley MWD	04	See attached sheet	1998	\$100,000
15	C	90000	1510040 KERN COUNTY WATER AGENCY	03	REFURBISH 6.1 MG CLEAR WATER WELLS WHICH HAVE BEEN IN SERVICE FOR OVER 20 YEARS.	1998	\$2,000,000
15	C	90000	1510040 KERN COUNTY WATER AGENCY	02	5 MG. PRESTRESSED CONCRETE FLOW THROUGH RESERVOIR	1998	\$3,000,000
15	C	1E+05	1910008 AZUSA LIGHT AND WATER	01	Design and construct sedimentation basins to meet optimization goals of 1 to 2 N.T.U. Purchase monitoring equipment.	1998	\$500,000
15	C	1E+05	3310005 Desert Water Agency	01	Design and construction of chemical addition, coagulation, flocculation, sedimentation, filtration, and disinfection surface water treatment facilities and appurtenances.	2002	\$6,200,000
15	C	1E+05	3310005 Desert Water Agency	02	Design and construction of chemical addition, coagulation, flocculation, sedimentation, filtration, and disinfection surface water treatment facilities and appurtenances.	2002	\$1,700,000
10	C	0	4010022 LOPEZ PROJECT	03	Study, develop, construct an engineered solution to remedy problem	1998	\$150,000
10	C	196	5500080 TWAIN HARTE VALLEY MWC	01	INSTALL A CLARIFIER TO PROVIDE PROPER PRETREATMENT.	1998	\$84,000
10	C	230	0510012 Camanche South Shore-EBMUD	02	CONSTRUCT NE W PLANT TO COMPLY WITH CAP REQUIREMENTS.	1998	\$2,800,000
10	C	230	0510012 Camanche South Shore-EBMUD	01	NEW REGIONAL SURFACE WATER TREATMENT PLANT ON CAMANCHE SOUTH SHORE WITH PIPELINE EXTENDING SERVICE TO CAMANCHE NORTH SHORE AND CAMANCHE VILLAGE. OTHER = DESIGN AND CONSTRUCTION	1998	\$6,000,000
10	C	307	2610004 JUNE LAKE P.U.D.-DOWN CANYON	01	Install polymer feed system	1998	\$15,000
10	C	308	2610002 JUNE LAKE PUD VILLAGE	01	Construct projects per above	1998	\$1,000,000
10	C	750	3110035 Weimar Water Company	01	Upgrade water treatment plant to meet future regulations. Study/design/construction involved.	1998	\$200,000
10	C	1845	3910002 San Joaquin County - Colonial Heigh	01	DRILL NEW WELLS. OTHER = DESIGN AND CONSTRUCTION	1998	\$900,000
10	C	2600	3310019 Idyllwild WD	08	Improve surface wash and filtration system and add appropriate control systems.	2000	\$200,000
10	C	2700	5510008 LAKE DON PEDRO C S D	03	INSTALL A FLOCCULATION/SEDIMENTATION BASIN.	1999	\$180,000
10	C	2700	5510008 LAKE DON PEDRO C S D	02	CONNECT THE THREE SMALL SYSTEMS TO THE LAKE DON PEDRO CSD, INSTALL A DEEP WATER INTAKE AND EXPAND THE LAKE DON PEDRO PLANT.	1998	\$2,228,199
10	C	3600	0310003 Amador County Water Agency-Sutter Creek	03	REPLACE CANAL WITH PIPELINE OTHER = DESIGN AND CONSTRUCTION	1999	\$6,000,000
10	C	4800	2810002 Calistoga, City of	01	Install new flash mixing units with sufficient mixing detention time before clarifier.	1998	\$100,000
10	C	4800	2810002 Calistoga, City of	02	Install turbidity monitoring units on backwash water, rinse to waste water and backwash recycle water with alarms to ensure proper water quality.	1998	\$10,000
10	C	1E+05	3710006 Escondido - City of	03	Design and construct/repair portions of canal with greatest exposure risk.	1999	\$5,000,000
10	C	4E+05	3410020 Sacramento, City of	09	Provide a flocculation/sedimentation process to remove solids prior to recycle. Involves design and construction.	1998	\$3,000,000

**SRF Category: I**

Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
10	C	4E+05	3410020 Sacramento, City of	11	Remove the radial gate and replace with a series of stepped weirs to reduce turbulence. Involves design and construction.	1998	\$150,000
10	C	4E+05	3410020 Sacramento, City of	18	Provide a flocculation/sedimentation process to remove solids prior to recycle. Involves design and construction.	1998	\$3,000,000
10	C	4E+05	3410020 Sacramento, City of	10	Provide filter-to-waste facilities. Involves design and construction.	1998	\$1,000,000
10	C	4E+05	3410020 Sacramento, City of	21	Remove the existing concrete finger launders, install an end-wall weir, and extend the existing chain and flight sludge collection system. Involves design and construction.	1998	\$2,000,000
10	C	4E+05	3410020 Sacramento, City of	20	Replace the existing flocculators with new vertical shaft flocs. Involves design and construction.	1998	\$1,000,000
10	C	4E+05	3410020 Sacramento, City of	17	Replace the existing troughs with new troughs specifically designed for present-day standards. Involves design and construction.	1998	\$500,000
10	C	4E+05	3410020 Sacramento, City of	19	Provide filter-to-waste facilities. Involves design and construction.	1998	\$1,000,000
5	C	540	2910009 Deer Creek Park Association	01	Consolidate with Banner System via new pump stations, water mains and storage. Involves design and construction.	1999	\$2,500,000
5	C	2910	3110006 Placer CWA - Colfax	01	Enlarge backwash basin. Involves study, design and construction.	1999	\$250,000
5	C	5000	2610001 MAMMOTH CWD	01	Construct additional filtration facilities	1998	\$1,000,000
5	C	5160	1510045 GOLDEN HILLS CSD	03	PAY OFF CURRENT LOAN; REFURBISH WATER TREATMENT PLANT. OTHER - DESIGN AND CONSTRUCTION	1998	\$1,750,000
5	C	10740	0910001 El Dorado ID - Main	18	Construct additional filter unit to satisfy system demands with reduced loading rates. Involves design and construction.	1998	\$1,950,000
5	C	11500	3110005 Placer CWA - Auburn/Bowman	03	Study, design and construct larger backwash facilities.	1999	\$250,000
5	C	11500	3110005 Placer CWA - Auburn/Bowman	04	Upgrade coagulation point, floc by extending basins and replacing paddles and install auto sludge handling equipment. Replace tube settlers. Involves refinancing, study, design and construction.	1998	\$2,400,000
5	C	14000	0710002 Bay Point-Southern California Water	02	Repack pressure filters media and replacement of all the internal spray nozzles at the Hill Street Plant.	1998	\$75,000
5	C	30500	3110025 Placer CWA - Foothill	01	Upgrade flocculation, extend floc basin and replace paddles. Install automatic sludge handling equipment and replace tube settlers. Involves study, design and construction.	1998	\$2,600,000
5	C	30500	3110025 Placer CWA - Foothill	03	Enlarge backwash ponds, improve sludge removal. Involves study, design and construction.	1998	\$1,300,000
5	C	30500	3110025 Placer CWA - Foothill	02	Design and construct one additional filter. Also involves study.	1999	\$550,000
5	C	30500	3110025 Placer CWA - Foothill	04	Design and construct filter.	1999	\$550,000
5	C	41840	3410015 Southern CA Water Co - Cordova Water	05	Install four variable speed flocculators, redesign the flocculation area, and install a static mixer for rapid mixing.	1998	\$370,000
5	C	5E+05	4910020 Sonoma County Water Agency	01	Design and construct two advanced disinfection (ozone treatment) facilities.	2000	12,000,000
5	C	1E+06	3710020 San Diego - City of	15	Alvarado water filtration plant expansion and rehabilitation project: sedimentation basins.	1999	32,100,000
5	C	1E+06	3710020 San Diego - City of	14	Alvarado water filtration plant expansion and rehabilitation project: water filter replacement.	1999	35,000,000

**SRF Category: I**

Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
5	C	1E+06	3710020 San Diego - City of	28	Alvarado Water Filtration Plant Expansion and Rehabilitation Project: Ozone Improvements.	2000	13,100,000
5	C	1E+06	3710020 San Diego - City of	44	Alvarado Water Filtration Plant Expansion and Rehabilitation Project: Reservoirs.	1998	30,000,000
5	C	1E+06	3710020 San Diego - City of	32	This project would provide for design of the necessary major rehabilitation work.	1998	\$9,000,000
5	C	1E+06	3710020 San Diego - City of	35	This project would provide for the construction of new filter beds which would help increase the capacity and water quality of the treatment plant.	2002	22,000,000
5	C	1E+06	3710020 San Diego - City of	11	Alvarado water filtration plant expansion and rehabilitation project: reservoir demolition.	1998	\$7,000,000
5	C	1E+06	3710020 San Diego - City of	30	This project would provide for the construction of new ozone facilities which would help increase the capacity and water quality of the treatment plant.	2002	22,000,000
5	C	1E+06	3710020 San Diego - City of	03	Upgrade the plant to meet demand and expand the plant to increase the capacity to 60 MGD.	1998	12,000,000
5	C	1E+06	3710020 San Diego - City of	37	Reline Plant influent pipeline and rehabilitation intake tower at Lower Otay Lake.	1998	\$1,900,000
5	C	1E+06	3710020 San Diego - City of	33	This project would provide for the construction of new flocculation/sedimentation basins because of inadequate capacity and water quality of the treatment plant.	2001	22,000,000
5	C	1E+06	3710020 San Diego - City of	45	Alvarado Water Filtration Plant Expansion and Rehabilitation Project: Filter valve replacement.	1998	\$4,000,000
5	C	1E+06	3710020 San Diego - City of	31	This project would provide for the construction of new yard piping which would help increase capacity of the treatment plant	2002	22,000,000
0	C	50	3310302 Lake Perris SRA	03	Complete installation of SCADA which includes electrical, monitor transmitters, alarm systems, etc. necessary to satisfy DHS requirements.	1998	\$38,000
0	C	50	3310302 Lake Perris SRA	01	Install two aerators/water circulators. One at Moreno and Perris Beach. Ideally, aerator motor should be on dry land with submersed exhaust tube (s) placed in strategic locations in swim beach. Lake level fluctuation will need to be design consider	1999	\$180,000
0	C	264	3110033 Castle City Mobile Home Park	01	Build separate flocculation basin and install automatic backwash system.	1998	\$50,000
0	C	1200	4110012 Cuesta La Honda Guild, Inc.	01	Repalce filtration and related plumbing, infrastructure. Add a second storage tank.	1998	\$350,000
0	C	6900	3610005 LAKE ARROWHEAD CSD	01	Reconstruct Cedar Glen Treatment Plant, undersized main and transmission facilities in accordance with new master plan	1998	10,000,000
0	C	26800	4810001 City of Benicia	04	Construct backwash water treatment system, including increasing capacity of washwater recovery basins, adding return pumps, a basin overflow, clarifier, and diversion structure.	1998	\$450,000
0	C	34000	3710019 Ramona MWD	01	Design and construct new pump station, Treatment Plant, and pipelines. Repair and replace tanks.	1998	\$8,000,000
0	C	37670	4110025 North Coast County Water Dist	05	Add second contact clarifier and ozonation system.	1999	\$1,000,000
0	C	46500	3910011 Tracy, City of	01	INSTALL OZONE SYSTEM. OTHER = STUDY, DESIGN AND CONSTRUCTION	1999	\$4,000,000
0	C	46500	3910011 Tracy, City of	02	CONNECT TO CALIFORNIA AQUEDUCT. OTHER = STUDY, DESIGN AND CONSTRUCTION.	1999	\$3,000,000
0	C	55000	2110003 North Marin Water District	02	Rehabilitation and reconstruction	1998	\$4,000,000
0	C	69300	3610037 REDLANDS CITY MUD-WATER DIV	03	Design and construct conventional coagulation basins	1998	\$4,000,000

**SRF Category: I**

Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
0	C	74000	4210004 GOLETA WATER DISRICT	11	Design and construct piping for filter to waste.	1998	\$60,000
0	C	1E+05	5610017 VENTURA WATER DEPARTMENT	01	Modify the TP to meet enhanced Surface Water Treatment Rule and Best Available Treatment Technologies.	1998	12,000,000
0	C	1E+05	1910041 THREE VALLEYS MWD	02	INSTALL A SYSTEM TO DISCHARGE BACKWASH WATER INTO STORM DRAIN OR INSTALL A UV DISINFECTION SYSTEM.	1998	\$250,000
0	C	1E+05	4810007 City of Vallejo	01	Lenghtening of the east and west sedimentation basins, refurbishing of the existing filters, installation of ammonia equipment, installation of a new ozonation faciltiy and the construction of a new chlorine contact chamber.	1998	34,056,000
0	C	2E+05	2110002 Marin Municipal Water District	05	Construct a backwash water treatment system.	1999	\$380,000
0	C	2E+05	0710003 Contra Costa Water District	18	Improvements in the sedimentation and filtration processes. The improvements include; new sedimentation basin, Seismic retrofit, filter media reconfiguration	2000	\$6,500,000
0	C	2E+05	0710003 Contra Costa Water District	02	Design and construct a backwash treatment system for the Bollman water treatment plant.	1998	\$3,000,000
0	C	2E+05	0710003 Contra Costa Water District	01	PLANT UPGRADE INCORPORATIN INTERMEDIATE OZONE AND OTHER IMPROVEMENTS.	1998	15,000,000
0	C	8E+05	3810001 SF Public Utilities Commission	60	Design and construct improvements to the filters, basing, chemical feed and backwash systems to achieve compliance with the projected Stage 1 DBP regulations and the Crypto Action Plan.	1999	20,300,000
0	C	8E+05	3810001 SF Public Utilities Commission	61	Design and construct improvements to the filters, basing, chemical feed and backwash systems to achieve compliance with the projected stage 1 DBP regulation.	1998	\$6,560,000
0	C	8E+05	3810001 SF Public Utilities Commission	49	Study, design, and construct the preferred alternative for sludge handling. The filter-to-waste piping and ancillary facilities.	1998	10,289,000
0	C	8E+05	3810001 SF Public Utilities Commission	73	Design and construct ozone facilities for the Hetch Hetchy supply.	1998	\$1,205,000
0	C	8E+05	3810001 SF Public Utilities Commission	53	Design and construct ozone facilities for the Hetch Hetchy supply.	1999	\$5,400,000
0	C	9E+05	4310011 San Jose Water Company	07	Design and construct filter-to-waste facilities, including storage and recovery of wasted filter effluent.	2000	\$5,000,000
0	C	9E+05	4310011 San Jose Water Company	06	Design and construct additional handling facilities with enhanced solids separation.	1998	\$1,000,000
0	C	9E+05	4310011 San Jose Water Company	02	Replace electro-mechanical filter controls with a programmable logic control system.	1998	\$250,000
0	C	1E+06	0110005 East Bay MUD	10	Treat reclaimed supernatant. Evaluate the recycle streams including those with potential to be recycled to the headworks of a plant. Ensure that treatment would include construction of identified improvements.		\$7,342,000
0	C	1E+06	0110005 East Bay MUD	11	Reduce contaminants in drinking water with specific focus on the Disinfection By-Product and Cryptosporidium.	1998	\$7,250,000
0	C	2E+06	4310027 Santa Clara Valley Water District	05	Replace filter media and install washwater clarification processes at all 3 treatment plants. Install new filter-to-waste process at Rinconada plant.	1998	31,000,000
0	C	2E+07	1910087 METROPOLITAN WATER DIST. OF SO. CAL	02	Design and install ozonation facilities at Jensen and Mills treatment plants.	1998	00,000,000

**Total Projects for 'Category' = I (134 Projects)**
**Total Costs for Category: \$762,390,756**

SRF Category: J

Bonus	Type	Pop	System # and Name		Pre-App	Project Description	FY	Cost
25	C	80	5200531	River Inn MHP	01	Re-work well head to seal holes and provide casing vent.	1998	\$0
25	C	200	5500273	STANDARD PARK WATER SYSTEM	01	CONNECT TO AN EXISTING PUBLIC WATER SYSTEM.	1998	\$59,625
25	C	420	5200504	City of Tehama	01	Install automatic standby generator.	1998	\$35,000
25	C	665	3600100	EASTWOOD FARMS CWU	01	Construct temporary intertie with East Valley Water District while company makes system improvements	1998	\$15,763
25	C	2500	5410012	STRATHMORE PUBLIC UTIL DIST	02	REPLACE OLD LINES WITH NEW PIPE AND INSTALL THEM WITH PROPER SEPERATION FROM SEWERS.	1998	\$433,000
25	C	2660	3110017	Sierra Lakes County Water Dist	01	Completion of existing standby deep well.	1998	\$35,000
25	C	5000	5410019	IVANHOE PUBLIC UTILITY DIST	01	CONSTRUCT NEW WELL AND REPLACE EXISTING PORTIONS OF THE DISTRIBUTION SYSTEM. OTHER - DESIGN AND CONSTRUCTION	1998	\$868,000
25	C	11000	1010021	MENDOTA-CITY	01	CONSOLIDATE THE CITY'S TWO SYSTEMS BY CONSTRUCTING A NEW WELL FIELD, INSTALLING WATER TRANSMISSION AND DISTRIBUTION LINES, AND REHABILITATING AND EXPANDING THE EXISTING IRON AND MANGANESE TREATMENT PLANT.	1998	\$5,518,000
25	P	47865	1907037	GRIFFITH PARK	03	INSTALL ADEQUATE BACKFLOW PROTECTION, REPAIR TANKS, PIPING, AND PUMPS.	1998	11,820,000
20	C	4000	4910028	Sweetwater Springs CWD - Monte Rio	01	Install and replace transmission and distribution system to prevent contamination and to improve water pressure. Install and upgrade water storage facilities.	1998	\$250,000
20	C	4000	4910028	Sweetwater Springs CWD - Monte Rio	02	Install and replace transmission and distribution system to prevent contamination and to improve water pressure. Install and upgrade water storage facilities.	1998	\$3,700,000
20	C	6000	4910004	Sweetwater Springs CWD - Guernevill	02	Install and replace transmission and distribution system to prevent contamination and to improve water pressure. Install and upgrade water storage facilities.	1998	\$2,000,000
20	C	6000	4910004	Sweetwater Springs CWD - Guernevill	01	Install and replace transmission and distribution system to prevent contamination and to improve water pressure. Install and upgrade water storage facilities.	1998	\$200,000
20	C	13000	1210004	City of Eureka	02	Replace transmission lines.	1998	10,000,000
20	C	26000	0410007	Paradise Irrigation District	02	Replace 213,000 feet of pipeline.	1998	16,000,000
15	C	1300	5210005	Rio Alto Water District	01	Construct new municipal well within upper zone of District's distribution system.	1998	\$200,000
15	C	3450	3410704	Mather AFB - Wherry Housing Area	06	Design and construct new well to replace well.	1998	\$250,000
10	C	70	2701498	Harbor View Water Association	01	Drill new well and/or install holding tanks (three 5000 gallon tanks).	2002	\$20,000
10	C	550	1800512	Clear Creek CSD	02	Improve spring source	2000	\$50,000
10	C	2E+05	1910155	SCWC - SOUTHWEST	12	DRILL A NEW WELL 50' AWAY FROM SEWER LINES	1998	\$1,100,000
10	C	2E+05	1910155	SCWC - SOUTHWEST	10	DRILL A NEW WELL 50' AWAY FROM SEWER LINES	1998	\$1,100,000
10	C	2E+05	1910155	SCWC - SOUTHWEST	13	DRILL A NEW WELL 50' AWAY FROM SEWER LINES	1998	\$1,100,000
10	C	2E+05	1910155	SCWC - SOUTHWEST	11	DRILL A NEW WELL AT A DIFFERENT SITE	1998	\$1,100,000

**SRF Category: J**

Bonus	Type	Pop	System # and Name		Pre-App	Project Description	FY	Cost
5	C	50	1900785	AVENUE E TRAILER PARK	01	REPLACING COMPLETE WATER SYSTEM, VALVES, ADDITIONAL 5,000 GAL TANK. REMODEL AND UPDATE PUMP HOUSE AND EQUIPMENT.	1998	\$50,000
5	C	5800	4010014	CAMBRIA COMM SERVICES DIST	02	Extend casings and sanitary seals of the wells and raise the pump houses to an elevation above the 100 year flood elevation.	1998	\$60,000
0	C	0	5610050	CALLEGUAS MUNICIPAL WATER DIST	03	Remove the septic tanks and install sewers.	1998	\$100,000
0	C	250	1910099	PARADISE RANCH MOBILE HOME PARK	03	REPLACE OLD PIPES.	1998	\$100,000
0	C	300	3000663	Diamond Park Mutual Water Co.	01	Replace all lines and valves. Purchase & install additional storage tank.	1998	\$150,000
0	C	700	4910001	Camp Meeker Water Systems, Inc.	01	Complete construction of the water distribution system and refinance the 1996 project.	1998	\$4,100,000
0	C	1780	1910246	LAND PROJECT MUTUAL WATER CO.	01	Design and construction of replacement pipelines and a storage tank.	1998	\$600,000
0	C	1875	3301654	Swan Lake Mobile Home Park	01	Remove the existing septic system and install new sewer system to connect to the SAWPA sewer system; and divide the drinking water from the irrigation water system.	1998	\$7,000,000
0	C	32000	1910028	CRESCENTA VALLEY CWD	02	Design and construct four (4) replacement wells. Rehabilitate four (4) existing wells with new casing liners and gravel pack.	1998	\$1,500,000
0	C	52100	3010046	City of Tustin	03	Somes wells will need to be abandoned and filled and a new well will need to be constructed near by. Other wells may be rehabilitated by lining the casing or other methods.	1998	\$3,500,000
0	C	55000	2110003	North Marin Water District	01	Develop Crypto Control Strategy installation of BMPs, sediment control structures, land/dairy purchase.	1998	\$70,000
0	C	1E+05	3010073	Moulton Niguel Water District	07	Relocation of the Aliso Creek sewer to the other side of creek which is protected by a road.	2000	\$2,500,000
0	C	2E+05	2110002	Marin Municipal Water District	04	To erect continous barbed wired fence around the reservoir.	1999	\$620,000
0	C	2E+05	0710003	Contra Costa Water District	16	Continue study to determine the best approach to reduce the impacts of the discharge. Construction of a diffuser, extending the discharge pipe. Controlling the timing of drainage discharge.	2000	\$7,000,000
0	C	2E+05	0710003	Contra Costa Water District	17	Construct a separate swimming lagoon to Comply with DOHS Order.	2000	\$2,000,000
0	C	2E+05	0710003	Contra Costa Water District	20	Drainage diversion, reversal of groundwater flow.	2000	\$1,500,000
0	P	25	2100575	FULL CIRCLE PROGRAMS, INC.	01	Construct new leach field and drill new well.	1999	\$125,000
0	P	30	4901158	Full Circle Sonoma	01	Conduct study to determine the cause of the problem, design a system to address the problem and construct a treatment facility to correct it.	1998	\$110,000

**Total Projects for 'Category' = J (41 Projects)**
**Total Costs for Category: \$86,939,388**

SRF Category: K

Bonus	Type	Pop	System # and Name		Pre-App	Project Description	FY	Cost
45	C	25	1502534	FLORES WATER SYSTEM	01	CONSTRUCT 1.5 MILES OF PIPE TO CONNECT WATER COMPANY TO CITY OF BAKERSFIELD	1998	\$100,000
45	P	250	1502244	SEMI TROPIC SCHOOL WATER SYSTEM	01	TIE INTO ANOTHER SYSTEM FOR DOMESTIC WATER USE AND USE EXISTING WELL FOR LANDSCAPE IRRIGATION. OTHER - DESIGN AND CONSTRUCTION.	1998	\$20,000
35	C	60	4900889	Avalon Apartments	01	Attach to public water system.	1998	\$21,000
25	C	150	1500251	RIVERKERN MUTUAL WATER COMPANY	01	UP-GRADE MAINS, CONSTRUCT "LOOP" AND GET RID OF ALL DEADENDS. OTHER - DESIGN AND CONSTRUCTION	1998	\$75,000
25	C	1E+05	3910012	Stockton, City of	01	INSTALL ON SITE CHLORINATORS AT WELLS	1998	\$750,000
25	P	200	5305107	So Trinity Unified School Dist.	01	Install new flow-paced chlorination system.	1998	\$4,750
25	P	47865	1907037	GRIFFITH PARK	01	INSTALL AUTOMATED CHLORINATION SYSTEM.	1998	\$7,670,000
20	C	100	0200175	River Highlands CSD	01	Installation of an upgraded disinfection system.	1998	\$2,000
20	C	230	0707588	BIG OAK TRAILER COURT	01	Connect to city water.	2001	\$105,000
20	C	21000	3310016	Hemet - City of	01	Unknown - possible nitrogen block - acid cleaning - redrilling.	1998	\$750,000
20	P	33	0400107	Feather Falls School	01	Contract with an engineer to analyze the system problems.	1998	\$20,000
15	C	1200	3710036	Borrego WD	01	Installation of gas chlorinators at Wells 8, 10, 12, and 16.	1998	\$130,000
15	C	3100	3710038	Borrego Springs WC	06	Installation of gas chlorinators.	1998	\$65,000
15	C	3725	3410045	CUCC - Arden	02	Install leak alarm annunciation. Involves design and construction.	1998	\$240,000
15	C	4500	2410006	DELHI CWD	01	INSTALL NEW CHLORINATION FACILITIES.	1998	\$200,000
15	C	66000	3310012	Elsinore Valley MWD	01	See attached sheet	1998	\$500,000
15	C	5E+05	1010007	FRESNO, CITY OF	04	CONSTRUCTION OF PERMANENT DISINFECTION FACILITIES AT AN ADDITIONAL 50 WELLS.	1998	\$1,500,000
10	C	0	5610046	UNITED WTR CONS DIST	01	Add ammonia injection to convert from chlorine to chloramine disinfection.	1998	\$725,000
10	C	300	5010009	KEYS COMMUNITY SERVICES DISTRICT	01	REPLACE WITH ON SITE CHLORINE GENERATORS. OTHER = DESIGN AND CONSTRUCTION.	1998	\$80,000
10	C	8150	3010078	Southern Calif WC -Cowan Hgts	02	Plan to consolidate three systems into one and improve system operations and control. Install chloramination facilities, improve reservoir circulation and install monitoring equipment.	1998	\$350,000
10	C	12000	1510018	ROSAMOND CSD	01	CYCLE TESTING FOR SOURCE OF BACTERIOLOGICAL CONTAMINATION. OTHER - DESIGN AND CONSTRUCTION	1998	\$25,000
10	C	31000	3410017	CUCC - Parkway	02	Install immediate leak alarm annunciation. Involves design and construction.	1998	\$600,000
10	C	1E+05	1910033	DOMINGUEZ WATER CORP	01	Chlorine generating facilities were purchased and installed to increase overall system residuals.	1998	\$500,000
5	C	25	5301101	Treasure Creek Woods MWC	01	Install two 5,000-gallon capacity storage tanks after chlorination to provide contact time.	1998	\$10,000
5	C	30	4900893	West Water Company	01	Storage tank with high service pumps and a disinfection system	2000	\$150,000



**SRF Category: K**

Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
5	C	5800	4010014 CAMBRIA COMM SERVICES DIST	01	Purchase monitoring and alarm equipment, cylinder repair kits and the necessary protection equipment for these two sites.	1998	\$20,000
5	C	10000	1900046 PETER PITCHESS HONOR RANCHO. LA CO.	04	INSTALL AN AUTOMATED ON-SITE OXIDANT GENERATOR OR OTHER RELIABLE DISINFECTION SYSTEM THAT SATISFIES WORKPLACE SAFETY, HAZARDOUS MATERIALS AND AIR QUALITY REQUIREMENTS.	1998	\$81,550
5	C	12994	5610002 FILLMORE WATER DEPT	01	Install a SCADA system & paging ability to monitor the system	1998	\$200,000
5	C	20000	1910022 CAL. STATE POLYTECHNIC UNIV.- POMON	01	INSTALL DDC CONTROLS THAT WILL AUTOMATE THE BLENDING AND CHLORINATION PROCESS.	1998	\$85,000
5	C	20000	4910013 Valley of the Moon Water District	02	Design and construct on-site chlorination system for 3 wells.	1998	\$150,000
5	C	21000	3410031 CUCC - Antelope	03	Install immediate leak alarm annunciation. Involves design and construction.	1998	\$600,000
5	C	97000	3010004 Mesa Consolidated WD	12	Modification of existing chlorine injection system to a chloramine injection system.	1998	\$2,000,000
5	C	97000	3010004 Mesa Consolidated WD	33	Install continuous chlorine and ammonia monitoring instruments	2000	\$56,000
5	P	350	4901156 Willowside School	01	Install holding tanks and filtration/purification system.	1998	\$25,000
5	P	400	1900089 CAMPS MUNZ AND MENDEN HALL-PROBATIO	01	INSTALL NEW CHLORINATION SYSTEM	1998	\$280,000
5	N	25	1502317 KERN CO P&R - GREENHORN MT. PARK WA	01	REPLACE 2,000' OF PIPELINE. DRILL A NEW WELL	1998	\$65,000
0	C	35	2700536 Corral de Tierra Estates	03	Install an automated chlorination system and provide for back-up chlorination.	1998	\$1,500
0	C	130	1900941 JOSHUA VIEW TRAILER PARK	01	INSTALL AN AUTOMATIC CHLORINATION SYSTEM, REPLACE RUSTED PIPES AND PUMP AT WELL, REPAIR WATER STORAGE TANK.	1998	\$19,000
0	C	141	3900558 RANCHO SAN JOAQUIN	01	DRILL NEW WELL. INTERCONNECT WELL 1 WITH WELL 2 PRESSURE TANK AND INSTALL AUXILIARY POWER. OTHER = DESIGN AND CONSTRUCTION.	1998	\$500,000
0	C	150	1900903 SLEEPY VALLEY WATER CO INC	01	PROVIDE CHLORINATION, NEW PIPELINES, AND 500,000 GAL RESERVOIR	1998	\$701,200
0	C	180	4300560 Green Mountain Water Company	02	Install chlorination system, low pressure staging tank, booster pump, and new control system.	1998	\$17,000
0	C	200	3900724 ELKHORN ESTATES	01	STUDY CAUSE OF COLIFORM CONTAMINATION AND, IF NECESSARY, DRILL A NEW ONE.	1998	\$450,000
0	C	380	3110029 Alpine Springs County Water Distric	02	Design and construct buildings dedicated solely to house the pumps and provider for safer access.	1999	\$80,000
0	C	5000	5610008 PLEASANT VALLEY MUTUAL WATER CO	03	Conduct a study and determine best way to solve the problem. Implement the most feasible recommendation.	2000	\$11,000
0	C	6380	2910023 Nevada ID - Lake Wildwood	07	Add chlorination equipment. Involves design and construction.	1998	\$25,000
0	C	18232	3410034 CUCC - Rosemont	02	Install immediate leak alarm annunciation. Involves design and construction.	1998	\$360,000
0	C	26075	3410010 CUCC - Suburban	01	Install immediate leak alarm annunciation. Involves design and construction.	1998	\$850,000
0	C	26800	4810001 City of Benicia	02	Replace gaseous chlorination system.	1998	\$275,000

**SRF Category: K**

Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
0	C	33765	4210016 CAL. CITIES - ORCUTT	02	Provide controls for the well site.	1998	\$50,000
0	C	33765	4210016 CAL. CITIES - ORCUTT	01	Replace the motor center and provide automatic controls.	1998	\$50,000
0	C	42000	3410013 CUCC - Lincoln Oaks	09	Install immediate leak alarm annunciation. Involves design and construction.	1998	\$1,000,000
0	C	45000	3410021 San Juan Suburban Water District	03	Installation of a scrubber is the industry standard for protection against chlorine releases.	1998	\$300,000
0	C	51120	0110003 CALIFORNIA WATER SERVICE - LIVERMOR	02	Install facilities to enable Chloramine disinfection of all system reservoirs (24) and purchase portable Chloramination equipment.	1999	\$980,000
0	C	58000	0110008 City of Pleasanton	01	Convert Pleasanton's chlorine injection facilities to chloramation.	1998	\$200,000
0	C	78120	3010064 City of Westminster	04	Replace Well #22 (State Well #5) by drilling a new well to improve our water system pressure, volume and help maintain a constant State mandated chlorine residual for this area.	1999	\$1,000,000
0	C	78120	3010064 City of Westminster	07	Replace Well #107 (State Well #5) by drilling a new well to improve our water system pressure volume and help maintain a constant State Mandated chlorine residual for this area.		\$1,000,000
0	C	78120	3010064 City of Westminster	09	Replace Well #124 (State Well #5) by drilling anew well to improve our water system pressure, volume and help maintain a constant State mandated chlorine residual for this area.	1998	\$1,000,000
0	C	78120	3010064 City of Westminster	02	Replace Well #107(State Well #5) by drilling a new well to improve our water system pressure, volume and help maintain a constant State mandated chlorine residual for this area.	2001	\$1,000,000
0	C	1E+05	4810007 City of Vallejo	02	Replace the facility with an on-site chlorine generation system which uses non-toxic material and produces non-hazardous products.	1998	\$120,000
0	C	2E+05	1910043 GLENDALE-CITY, WATER DEPT.	01	PROVIDE RELIABLY DISINFECTED WATER	1998	\$500,000
0	C	8E+05	3810001 SF Public Utilities Commission	65	Construct improvements at Tesla Portal and thomas Shaft.	1999	\$9,350,000
0	C	8E+05	3810001 SF Public Utilities Commission	64	Design improvements at Tesla Portal and Thomas Shaft (back-up chlorination station) to provide reliable treatment of Hetch Hetchy Water in accordance with SDWA regulations.	1998	\$1,130,000
0	C	2E+06	4310027 Santa Clara Valley Water District	04	Clearwell modifications to increase the disinfection time.	1998	\$1,377,000
0	P	200	1900631 CAMP CISQUITO	01	ADD AN AUTOMATED CHLORINATION SYSTEM AND MONITORING EQUIPMENTS	1999	\$5,000
0	P	300	4100538 SAN FRANCISCO YMCA-JONES GULCH	02	Will develop a system's analysis to identify other options to simplify or change system.	1999	\$20,000
0	P	3000	1900003 QUARTZ HILL HIGH SCHOOL	01	INSTALL A CHLORINE INJECTION SYSTEM IN WATER DISTRIBUTION SYSTEM.	1998	\$18,000
0	N	26	3301082 Whitewater Rest Area	01	Upgrade system.	1998	\$5,000
0	N	50	3301895 Banning Weigh Station - Caltrans	01	Install hypochlorinator.	1998	\$5,000
0	N	80	1900992 BIG OAKS LODGE	01	BUILD A 5000 GAL. HOLDING TANK, DEEPEN THE WELL, INSTALL A LARGER PUMP, PRESSURE TANK, AND AN AUTOMATIC CHLORINATION SYSTEM.	1998	\$6,000
0	N	120	2110304 Marconi Conference Center	01	Replace wood storage tank with 125,000 gallon concrete ground tank. Replace water lines from sprins and well to treatment facility.	1998	\$300,000
0	N	1407	3301083 Cal-Trans Brookside Rest Area	01	Upgrade system.	1998	\$5,000

SRF Category: K

Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
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Total Projects for 'Category' = K (71 Projects)

Total Costs for Category: \$40,866,000

**SRF Category: L**

Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
30	C	1300	5610021 WARRING WATER SERVICE INC	01	Drill a replacement well.	1998	\$150,000
25	C	1000	1510026 BODFISH WATER COMPANY	01	DRILL AND EQUIP A NEW WELL AND/OR INSTALL TREATMENT FACILITIES SUCH AS AERATION AND NANO-FILTRATION AT EXISTING FACILITIES. OTHER - DESIGN AND CONSTRUCTION	2001	\$300,000
25	N	90	2600568 EDNA BEAMAN SCHOOL	01	Drill new well	1998	\$150,000
20	C	31	1502545 SCHWEIKART WATER SYSTEM	01	RUN 2 MILES OF 12" MAINLINE AND CONSOLIDATE TO VAUGHN WATER COMPANY. OTHER - DESIGN AND CONSTRUCTION	1999	\$260,000
20	C	80	1400036 KEELER COMMUNITY	05	Install treatment facilities	1998	\$185,000
20	C	870	3600270 SO CAL WC/MOR DEL NORTE	01	Construct treatment facilities	1998	\$150,000
20	C	3787	3910802 Northern California Youth Center	01	ESTABLISH CONNECTION WITH CITY OF STOCKTON OTHER = DESIGN AND CONSTRUCTION	1998	\$780,000
20	C	12270	5810001 Cal-Water Service Co.-Marysville	01	Design and construct a 1.0 MGD treatment plant to address the production problems of these wells.	2000	\$750,000
15	C	3300	2910036 Glenshire Mutual Water Company	01	Install package treatment plant with piping for waste requirements. Involves design and construction.	1998	\$0
15	C	39100	4110007 CALIFORNIA WATER SERVICE - SAN CARL	01	Install facilities to enable chloramine disinfection of all systems reservoirs (22) and purchase portable chlorination equipment.	1998	\$900,000
15	C	80000	1910146 SANTA MONICA-CITY, WATER DIVISION	01	Perform investigation to define extent of contamination, source of contaminants, remediation, and potential treatment technologies. Project involves: Study, Design, and Construction.	1998	\$5,000,000
10	C	0	5610046 UNITED WTR CONS DIST	03	Construct RO plant at El Rio facility, 25 mgd.	1999	18,500,000
10	C	0	4010022 LOPEZ PROJECT	04	Study & develop an enhanced coagulation program designed to achieve DBPR compliance	1998	\$100,000
10	C	240	1500405 AERIAL ACRES WATER SYSTEM	01	BLENDING OR TREATMENT. OTHER - DESIGN AND CONSTRUCTION	2000	\$220,000
10	C	4800	2810002 Calistoga, City of	06	Improve mixing and filtration; add coagulant system.	2000	\$200,000
10	C	11563	1510053 ANTELOPE VALLEY E KERN WTR AGY	03	INSTALL AMMONIA FEED SYSTEMS AT ONE WATER TREATMENT PLANT	1999	\$187,500
10	C	2E+05	3910001 California Water Service - Stockton	01	DESIGN AND CONSTRUCT A S MGD TREATMENT PLANT. OTHER = DESIGN AND CONSTRUCTION	2000	\$2,600,000
5	C	1000	3610110 ARROWBEAR PARK CWD	02	Construct treatment facility	1998	\$350,000
5	C	4807	3610062 RUNNING SPRINGS WATER DISTRICT	12	Construct treatment facilities	1998	\$140,000
5	C	2E+05	1910039 SAN GABRIEL VALLEY WATER CO.-EL MON	05	CONSTRUCT TREATMENT FACILITY USING ION EXCHANGE TECHNOLOGY TO REMOVE PERCHLORATE AND NITRATE.	1998	\$2,500,000
5	P	125	3400344 SUNRISE WMD	02	Perform a pilot study to test alternative potential well-head treatment methods for the removal of perchlorate.	1998	\$150,000
5	P	125	3400344 SUNRISE WMD	01	Design and construct a one million gallon storage tank and booster station.	1998	\$1,000,000
5	P	125	3400344 SUNRISE WMD	03	Perform an engineering study to identify a permanent replacement source for the contaminated wells.	1998	\$150,000

SRF Category: L

Bonus	Type	Pop	System # and Name		Pre-App	Project Description	FY	Cost
5	N	604	1502554	GLENNVILLE SHOPPING CENTER	01	DRILL WELL AND CONNECT 10 HOMES TO WATER SYSTEM. OTHER - DESIGN AND CONSTRUCTION	1998	\$500,000
0	C	184	1500555	MUSTANG MUTUAL WATER SYSTEM	01	WATER TREATMENT OR CONNECT TO ANOTHER SYSTEM	1999	\$200,000
0	C	1416	3610105	SO CA WATER CO-VICTORVILLE 5	01	Construct intertie to increase source capacity	1998	\$120,000
0	C	2260	3610063	SO CA WATER CO - MORONGO DEL SUR	01	Construct treatment facilities	1998	\$250,000
0	C	2500	3710039	Pine Valley MWC	05	Treatment facilities for removal of radon gas from drinking water.	2000	\$1,000,000
0	C	8000	1910060	LA PUENTE VALLEY CWD	06	Design, drilling and equipping a 2,500 gpm well at a site outside of the contamination plume. Project involves: Design to solve problem and Construction	1998	\$630,000
0	C	8000	1910060	LA PUENTE VALLEY CWD	08	Deepening and reequipping of existing Wells 2, 3, and 4. Project involves: Design to solve problem and Construction	1998	\$330,000
0	C	8000	1910060	LA PUENTE VALLEY CWD	02	Design and construction of a 3000 gpm Perchlorate treatment facility when treatment technology becomes available. Project involves: Design to solve problem and Construction	1998	\$750,000
0	C	9527	5610039	CHANNEL ISLANDS BEACH CSD	01	Desalination treatment plant, storage Reservoir and State Water connection	1998	\$4,000,000
0	C	26800	4810001	City of Benicia	07	Design and construct two new sludge lagoons near the washwater recovery basin, a small recycle basin and pump station.	2000	\$600,000
0	C	26800	4810001	City of Benicia	06	Design and construct ozone facilities at the Water Treatment Plant.	2001	\$4,700,000
0	C	26800	4810001	City of Benicia	05	Installation of hypalon "curtains" inside of reservoirs to baffle the flow.	2000	\$245,000
0	C	28000	1910128	COVINA IRRIGATION CO.	02	CONVERSION TO OZONE SYSTEM	1998	\$1,000,000
0	C	50000	3610019	SAN BERNARDINO VALLEY WD	01	Basin wide treatment and distribution facilities	1998	20,000,000
0	C	50000	3610019	SAN BERNARDINO VALLEY WD	03	Basin wide treatment and distribution facilities	2000	20,000,000
0	C	50000	3610019	SAN BERNARDINO VALLEY WD	05	Basin wide treatment and distribution facilities	2002	20,000,000
0	C	50000	3610019	SAN BERNARDINO VALLEY WD	02	Basin wide treatment and distribution facilities	1999	20,000,000
0	C	50000	3610019	SAN BERNARDINO VALLEY WD	04	Basin wide treatment and distribution facilities	2001	20,000,000
0	C	54670	4310001	CWS Los Altos Suburban	03	Install facilities to enable chloramine disinfection of all system wells.	1998	\$860,000
0	C	56200	4110009	CALIFORNIA WATER SERVICE-SAN FRAN	01	INSTALL FACILITIES TO ENABLE CHLORAMINE DISINFECTION OF ALL SYSTEM RESERVOIRS (13) AND PURCHASE PORTABLE CHLORINATION EQUIPMENT.	1998	\$540,000
0	C	60000	5610024	CASITAS MUNICIPAL WATER DIST	04	Addition of treatment process to the existing pressure filtration TP.	2000	\$1,500,000
0	C	66000	4110006	CALIFORNIA WATER SERVICE - BEAR GUL	02	Install facilities to enable chloramine disinfection of 23 Reservoirs and treatment plant, purchase portable chlorination.	1999	\$1,020,000

**SRF Category: L**

Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
0	C	69300	3610037 REDLANDS CITY MUD-WATER DIV	01	Design/Study treatment possibilities	1998	\$2,000,000
0	C	87137	1910045 ANTELOPE VALLEY-EAST KERN WATER AGE	02	INSTALL AMMONIA FEED SYSTEMS AT THREE WATER TREATMENT PLANTS	1999	\$562,500
0	C	1E+05	4110008 CALIFORNIA WATER SERVICE - SAN MATE	01	Install facilities to enable chloramine disinfection of all systems reservoirs (19) and purchase portable chlorination equipment.	1998	\$780,000
0	C	1E+05	1910041 THREE VALLEYS MWD	04	INSTALL OZONATION PLANT FOR OZONE DISINFECTION.	1999	10,000,000
0	C	2E+05	1910048 CASTAIC LAKE WATER AGENCY	05	CONVERT THE EARL SCHMIDT FILTRATION PLANT TO AN OZONATION PLANT. OZONATION COMBINED WITH BIOLOGICALLY ACTIVE FILTRATION AND FREE CHLORINATION LOWERED THM'S BY 20% AT CLWA'S RIO VISTA TREATMENT PLANT, WHICH TREATS THE SAME WATER AS THE EARL SCHMIDT P	1998	\$1,000,000
0	C	2E+05	1910048 CASTAIC LAKE WATER AGENCY	01	REPIPE EFFLUENT TO CREATE FLOWTHROUGH CLEARWELLS. THE CURRENT PIPE WILL BECOME AN INFLUENT LINE, AND A NEW 54" PIPELINE WILL CONVEY THE EFFLUENT TO THE SYSTEM. THIS WILL MINIMIZE THM'S.	1998	\$1,000,000
0	C	8E+05	3810001 SF Public Utilities Commission	74	Convert system disinfectant to chloramines. Construct dechloration facilities for discharge to the environment.	1998	\$2,700,000
0	C	8E+05	3810001 SF Public Utilities Commission	51	Convert system disinfectant to chloramines. Construct dechloramination facilities for discharges to the environment.	1999	32,345,000
0	C	8E+05	3810001 SF Public Utilities Commission	52	Convert system disinfectant to chloramines. Construct dechloramination facilities for discharge to the environment.	1998	\$750,000
0	C	9E+05	4310011 San Jose Water Company	08	Evaluate, design, and construct required facilities for reducing THM's	2002	\$8,000,000
0	C	1E+06	0110005 East Bay MUD	01	New chemical feed, storage and control facilities additional filtration capacity and washwater solids handling improvements.	1999	29,840,000
0	C	1E+06	0110005 East Bay MUD	17	Conversion at WTP's from disinfection by free chlorine to chloramines.	1998	10,734,000
0	C	2E+06	4310027 Santa Clara Valley Water District	03	Need to change the current treatment to one using ferric chloride as the primary coagulant.	1998	\$7,400,000
0	C	2E+06	4310027 Santa Clara Valley Water District	02	Solution to the problem requires the construction of a settled water ozone system using LOX as feed gas and sulfuric acid and hydrogen peroxide for bromate control, with fine bubble diffusion ozone contactors followed by GAC filtration.	1998	58,000,000

**Total Projects for 'Category' = L (59 Projects)**
**Total Costs for Category: \$318,079,000**

**SRF Category: M**

Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
45	C	100	4900584 Timber Cove County Water District	03	Larger pressure tank and system for area affected.	2000	\$75,000
45	C	100	5200516 Lazy Corral Mobile Home Park	01	Re-plumb to City water system.	1998	\$380,200
45	C	100	4900584 Timber Cove County Water District	04	Install new larger water mains.	1999	\$100,000
45	C	100	4900584 Timber Cove County Water District	06	Connect to timber Cove WD system via pumping stations and new water main up to Timber Cove Road.	1998	\$250,000
45	C	100	4900584 Timber Cove County Water District	05	Replace undersized asbestos cement pipes with properly sized pipes.	1999	\$45,000
45	C	100	5200516 Lazy Corral Mobile Home Park	02	Connect to Corning City Water System	2000	\$180,000
45	C	102	1000057 METROPOLITAN WATER COMPANY	01	CONNECT TO THE CITY OF FRESNO.	1998	\$25,000
45	C	102	1000057 METROPOLITAN WATER COMPANY	03	INSTALL NEW PIPELINES	1998	\$14,000
45	C	125	1700516 Lake County CSA 16 - Paradise Valle	02	Consolidate with Kono Tayee water system with 800 ft connection line.	1998	\$250,000
45	C	125	1700516 Lake County CSA 16 - Paradise Valle	01	Conduct capacity analysis and develop master plan, study possibility of consolidation with Kono Tayee water system.	1998	\$100,000
45	C	150	2500911 I'SOT Well #3 & #15	02	Installation of an elevated storage tank and an enlarged pumping station to provide the reliability required by the Waterworks Standards.	1998	\$250,000
45	C	150	2500911 I'SOT Well #3 & #15	03	Consolidate existing water systems into one system, which will loop the distribution lines and provide the reliability required by the Waterworks Standards.	1998	\$45,000
45	C	315	1700554 Lake County CSA 13 - Kono Tayee	01	Conduct capacity analysis and develop master plan, study possibility of consolidation with Paradise Valley water system.	1998	\$100,000
45	C	315	1700554 Lake County CSA 13 - Kono Tayee	02	Consolidate with Paradise Valley water system with 800 ft connection line.	1998	\$250,000
45	C	2345	5510003 TUD-Tuolumne City	02	CONSTRUCT PIPELINE AND PRESSURE REDUCING STATION TO INTERCONNECT THE TWO SYSTEMS.	2001	\$80,000
45	C	2345	5510003 TUD-Tuolumne City	01	CONSTRUCT PVC PIPELINES TO REPLACE DETERIORATED PIPES AND TO LOOP THE SYSTEM.	1999	\$26,000
40		16	0012160 MULLER AVE AREA WATER SYSTEM	01	CONSOLIDATE WITH EAST NILES CSD. OTHER - STUDY, DESIGN AND CONSTRUCTION	1998	\$400,000
40	C	30	0800800 Pine Grove Trailer Park	01	Hook up to City of Crescent City water system.	2000	\$20,000
40	C	56	1500070 DIRKSEN WATER SYSTEM	01	CONSOLIDATE WITH NEIGHBORING WATER SYSTEMS AND CITY OF SHAFTER. OTHER - DESIGN AND CONSTRUCTION	1998	\$600,000
40	C	80	0400057 LIME SADDLE ESTATES	01	Connect to Del Oro Water Company.	2000	\$402,000
40	C	85	3301428 MESA RANCH WATER COMPANY	01	Construct a transmission main pipeline connection of the water system to City of Blythe water system.	1998	\$5,033,000
40	C	86	0800653 Moore's Mooring	01	Hook up to City of Crescent City water system. Need to install pipe from Front Street to First street water area and backup valves.	1999	\$3,500

**SRF Category: M**

Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
40	C	120	5500125 MOTHER LODGE MOBILE ESTATES	01	INCREASE STORAGE OR HOOK TO PUBLIC SUPPLY	1998	\$75,000
40	C	260	1510046 LOST HILLS UTILITY DISTRICT	01	REPLACE 11 MILES OF TRUNK LINE, DEVELOP RELIABLE WATER SOURCE, UPGRADE PUMP STATION AND INSTALL STORAGE TANK FOR FIRE FLOW. OTHER - DESIGN AND CONSTRUCTION	1998	\$1,500,000
40	C	270	0800552 Northcrest Trailer City	01	Hook up to City of Crescent City water system	2000	\$30,000
40	C	400	1700544 Lake County CSA 7 - Bonanza Springs	02	Conduct capacity analysis and develop master plan, study possibility of consolidation with Loc Lomand water system.	1998	\$50,000
40	C	2200	1710021 Lake County CSA 21 - North Lakeport	01	Perform capacity analysis and update master plan. Construct components to accommodate capacity needed by the consolidation.	1998	\$1,000,000
40	C	3500	5510013 TUD-COLUMBIA	03	ENLARGE THE COLUMBIA WTP'S CAPACITY FROM 1.0 MGD TO 1.5 MGD.	1998	\$230,000
40	C	44725	5410010 PORTERVILLE, CITY OF	04	DESIGN AND INSTALL TEN STAND-BY ENGINES AND ALTERNATE FUEL SUPPLY SYSTEMS. OTHER - DESIGN AND CONSTRUCTION	2000	\$1,500,000
40	C	44725	5410010 PORTERVILLE, CITY OF	03	DESIGN AND INSTALL 3 MG STORAGE TANK - BOOSTER PUMP AND MAIN LINES. OTHER - DESIGN AND CONSTRUCTION.	1999	\$3,000,000
40	C	44725	5410010 PORTERVILLE, CITY OF	02	INTERTIE WITH AIRPORT WATER SYSTEM WITH MAIN CITY SYSTEM ALLOWING AIRPORT WATER WELL TO SUPPLEMENT CITY SYSTEM. OTHER - DESIGN AND CONSTRUCTION	1999	\$330,000
40	C	44725	5410010 PORTERVILLE, CITY OF	05	DESIGN AND INSTALL WATER MAINS IN R/W, RESERVE CUSTOMERS FROM FRONT YARD SERVICES. OTHER - DESIGN AND CONSTRUCTION	2002	\$250,000
40	P	25	3200008 Plumas County Fairgrounds	01	Complete hookup to East Quincy CSD.	1998	\$200,000
40	P	218	5510022 TUD-EAST SONORA	01	INTERCONNECT WITH THE SONORA WATER SYSTEM VIA PIPELINE AND PUMP STATION.	1998	\$297,000
40	P	7000	5800830 YUBA COLLEGE	01	Abandon existing wells and connect to Linda County WD.	1999	\$439,000
40	S	10	0012161 HINSLEY STREET WELL	01	CONSOLIDATE WITH OTHER NEARBY WATER SYSTEMS AND EAST NILES CSD. OTHER - STUDY, DESIGN AND CONSTRUCTION	1998	\$400,000
40	S	30	0012162 MULLER MUTUAL WATER	01	CONSOLIDATE WITH AREA WATER SYSTEM & TIE IN WITH EAST NILES C.S.D. OTHER - DESIGN AND CONSTRUCTION	1998	\$400,000
35	C	40	1500462 JAMES WATER SYSTEM	01	possible water treatment or drill additional wells	1998	\$70,000
35	C	100	1700563 Lake County CSA 22 - Mt. Hannah	02	Conduct capacity analysis and develop master plan, study possibility of consolidation with Loc Lomand water system.	1998	\$100,000
35	C	174	2400152 BEAR CREEK COMMUNITY HOUSING	01	INSTALL A PIPELINE TO INTERCONNECT TO THE PLANADA CSD WATER SYSTEM AND CONSTRUCT A NEW WELL SO THAT THE PLANADA CSD HAS SUFFICIENT SOURCE CAPACITY TO SUPPLY THE SYSTEM.	1998	\$500,000
35	C	200	1500515 GASLITE MOBILEHOME PARK	01	Drill a new well or connect to city water. OTHER- Study, Design, and Construction	1998	\$100,000
35	C	250	4900799 El Portal Mobile Estates	01	Connect to City of Santa Rosa water supply or design an alternate form of water production.	1998	\$250,000
35	C	500	1710019 Lake County CSA 6 - Finley	01	Construct 100,000 gal storage tank and evaluate consolidation with Kelseyville and Soda Bay systems.	1998	\$500,000



**SRF Category: M**

Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
35	C	500	1710019 Lake County CSA 6 - Finley	02	Conduct capacity analysis and develop master plan, study possibility of consolidation with Soda Bay water system.	1998	\$75,000
35	C	1020	2310010 Hopland Public Utility District	01	Install 3 300,000 gallon tanks.	1998	\$700,000
35	C	1300	1710022 Lake County CSA 20 - Soda Bay	01	Perform capacity analysis and update master plan. Construct components to accommodate capacity needed by the consolidation.	1998	\$1,000,000
35	C	1550	5510015 TUD-Cedar Ridge Water System	02	CONSTRUCT A PUMP STATION AND PIPELINE TO INTERCONNECT THE CEDAR RIDGE SYSTEM TO THE CRYSTAL FALLS SYSTEM.	2001	\$240,000
35	C	1550	5510015 TUD-Cedar Ridge Water System	01	CONSTRUCT A 200,000 GALLON STEEL STORAGE TANK.	1998	\$124,000
35	C	1600	3110036 North Tahoe PUD - Dollar Cove	03	Replace 4,510 ft of water mains. Involves design and construction.	2000	\$419,000
35	C	2150	3610054 YUCAIPA VALLEY CWD ID-1	06	Provide intertie between system 3610054 and 3610055	1998	\$1,030,000
35	C	2150	3610054 YUCAIPA VALLEY CWD ID-1	01	Construct intertie w/YVWD ~ 3600 ft of 20 inch line	1998	\$360,000
35	C	2150	3610054 YUCAIPA VALLEY CWD ID-1	02	Construct intertie w/YVWD	1998	\$61,200
35	C	2150	3610054 YUCAIPA VALLEY CWD ID-1	03	Construct intertie w/YVWD	1998	\$555,000
35	C	2150	3610054 YUCAIPA VALLEY CWD ID-1	04	Consolidate with YVWD	2000	\$968,000
35	C	2300	1710007 Kelseyville Co Waterworks District	02	Conduct capacity analysis and develop master plan, study possibility of consolidation with Soda Bay water system.	1998	\$10,000
35	C	3500	5510012 TUD-UPPER BASIN	07	CONSTRUCT A ONE MILLION GALLON STEEL STORAGE TANK.	1999	\$420,000
35	C	3500	5510012 TUD-UPPER BASIN	01	CONSTRUCT A 4 INCH DIAMETER PIPELINE AND INTAKE STRUCTURE TO OBTAIN WATER FROM BRENTWOOD POND.	2000	\$22,000
35	C	3500	5510012 TUD-UPPER BASIN	05	REPLACE STEEL PIPELINES IN EQUAL INCREMENTS OVER A 5 YEAR PERIOD.	1998	\$918,000
35	C	3500	5510012 TUD-UPPER BASIN	06	RELOCATE A 60,000 GALLON BOLTED STEEL TANK TO THE SITE TO PROVIDE RELIABLE SERVICE.	2000	\$52,000
35	C	3500	5510012 TUD-UPPER BASIN	02	CONNECT THE EXISTING LAKEWOOD RESERVOIR TO THE WTP INTAKE VIA PUMP AND PIPELINE.	1998	\$57,000
35	C	3500	5510012 TUD-UPPER BASIN	09	RECONSTRUCT THE PRESSURE SYSTEM.	1999	\$26,000
35	C	3500	5510012 TUD-UPPER BASIN	04	INSTALL A PIPELINE TO INTERCONNECT BETWEEN THE UPPER BASIN SYSTEM AND CRYSTAL FALLS SYSTEM.	2000	\$380,000
35	C	3500	5510012 TUD-UPPER BASIN	08	CONSTRUCT A PIPELINE TO INTERCONNECT THE LEISURE PINES SYSTEM TO THE UPPER BASIN SYSTEM.	1999	\$38,000
35	P	75	1400017 CALVARY BAPTIST CHURCH	01	Construct new well and tank	1998	\$40,000
35	P	75	1400017 CALVARY BAPTIST CHURCH	02	Connect system to city water system	1998	\$25,000
30	C	30	5510032 TUD-OAK HAVEN	01	INTERCONNECT VIA THE INSTALLATION OF A PIPELINE TO THE CRYSTAL FALLS SYSTEM.	2000	\$124,000

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Bonus	Type	Pop	System # and Name		Pre-App	Project Description	FY	Cost
30	C	95	2000589	MAMMOTH POOL MOBILE HOME PARK	02	Construct a new well and install storage.	2000	\$17,500
30	C	450	1500290	EDGEMONT ACRES MUTUAL WATER COMPANY	04	CONSTRUCT ELEVATED STORAGE TANK	2001	\$300,000
30	C	1782	5510002	PONDEROSA WATER COMPANY	04	REPLACE OLD WRAPPED STEEL PIPE, UPGRADE STORAGE FACILITIES, AND INSTALL TWO NEW STORAGE TANKS.	1999	\$610,000
30	C	4900	5510010	TUD-Crystal Falls Water System	02	CONSTRUCT A PIPELINE TO REPLACE THE OLD STEEL PIPE AND CONSTRUCT AN INTERCONNECTION WITH THE OAK GARDEN SYSTEM.	2000	\$38,000
30	C	4900	5510010	TUD-Crystal Falls Water System	03	CONSTRUCT A PARALLEL PIPELINE ACROSS STATE HIGHWAY 108 TO CONNECT THE CRYSTAL FALLS SYSTEM TO THE WILLOW SPRINGS SYSTEM.	1999	\$79,000
30	C	4900	5510010	TUD-Crystal Falls Water System	01	CONSTRUCT A NEW WTP WITH A 1 MGD CAPACITY WITH PROVISIONS FOR FUTURE EXPANSION. THIS PROJECT WILL ALSO ALLOW THE ELIMINATION OF THE CEDAR RIDGE AND MONTE GRANDE WTP'S.	1999	\$1,410,000
25	C	38	1400511	Meadow Lake Apartments	01	Drill additional well	1998	\$14,500
25	C	45	3103310	EMIGRANT GAP MUTUAL	02	Drill an additional well and connect to existing storage tanks several feet away.	2000	\$15,000
25	C	63	3600071	CHAMISAL MWC	01	Replace mainline and storage facilities	1998	\$500,000
25	C	63	3600345	WILLOW WELLS MWC	01	Construct new mainline and storage facilities	1998	\$340,000
25	C	70	3100033	TAHOMA MEADOWS MUTUAL WATER CO	01	Repair or replace the tank.	1999	\$75,000
25	C	75	1400072	NORTH LONE PINE WATER DISTRICT	01	Construct new distribution system	1999	\$40,000
25	C	75	1400098	DARWIN COMMUNITY	04	Construct new tank	1998	\$200,000
25	C	77	1500336	BURLANDO HEIGHTS MUTUAL WATER CO.	01	From 4" to 6" main line pipes. Existing system installed in 1959.	1999	\$300,000
25	C	80	3600175	BARSTOW-DAGGET AIRPORT	01	Install disinfection equipment, refurbish wellheads and tank, drill new wells	1998	\$90,000
25	C	81	5301001	Bucktail Mutual Water Company	01	Construct new concrete block cover for in-ground reservoir	1998	\$10,000
25	C	85	4500008	Lakeshore Villa Mutual WC	01	Purchase generator compatible with 3 stage electrical system and build a structure to house generator to provide the reliability required by the Waterworks Standards.	1998	\$20,000
25	C	100	1200538	Myers Flat Mutual Water System, Inc	01	Will replace 4-inch PVC main line under Highway 101 with 8-inch PVC. Replace 4-inch PvC with 6-inch PVC main stem line.	1998	\$25,890
25	C	100	1500379	QUAIL VALLEY MUTUAL WATER COMPANY	01	CONNECT SYSTEM TO ADJACENT WATER UTILITY SYSTEM AND INSTALL BOOSTER STATION TO CREATE NEW PRESSURE ZONE. OTHER - DESIGN AND CONSTRUCTION	1998	\$50,000
25	C	120	3200509	Clio PUD	01	Construct new 150,000 gallon storage tank. Replace 6,580 feet of 6" water main.	1998	\$528,500
25	C	125	4500014	Lakeshore Heights Mutual WC	01	Install a 250,000 gallon storage tank and all plumbing for operation to provide the reliability required by the Waterworks Standards.	1998	\$250,000
25	C	150	5510025	TUD-PHOENIX LAKE PARK	01	INTERCONNECT TO THE ADJACENT SCENIC VIEW WATER SYSTEM.	1999	\$36,000

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Bonus	Type	Pop	System # and Name		Pre-App	Project Description	FY	Cost
25	C	150	1400004	CHARLES BROWN WATER COMPANY	01	Replace distribution system piping	1998	\$100,000
25	C	175	3310078	West Palm Springs Village	02	Design and construct 11,000' of new watermain to meet the WWS and increase system reliability by interconnecting the PZ source of supply sites and storage site with new watermain.	1998	\$530,000
25	C	175	3310078	West Palm Springs Village	01	Construct new well with pump, for increasing system reliability by providing redundancy in source of supply to meet the WWS.	1998	\$149,000
25	C	175	0800526	Redwood Park C.S.D.	02	Replace the water tank(s).	2000	\$200,000
25	C	175	0800526	Redwood Park C.S.D.	01	Replace the two water storage tanks with new tanks.	1998	\$200,000
25	C	195	4500237	Sweetbriar Camp Association	01	Relocate dam. Install a liner inside the pre-filter box. Install 2 to 4 additional 5,400 gallon water storage tanks and a shed over the tanks. Remove and replace approximately 3 miles of pipe to provide the reliability required by the WW Standards	1998	\$150,000
25	C	195	3600297	STEWART WC	02	Construct new well and two new reservoirs	1998	\$150,000
25	C	195	3600297	STEWART WC	01	Construct new pressure tank, repair leaks, replace well, replace booster pumps, redwood lines	1998	\$150,000
25	C	200	5200551	Woodson Bridge Estates	02	Construct new lines.	2000	\$250,000
25	C	200	0000221	Camptonville CSD	01	Discover and develop water supply spring or well. Construct 1200 feet of 6" mainline. Construct new storage tank.	2000	\$94,000
25	C	200	3310081	Palm Springs Crest	01	Design and construct new steel tank to replace old tank, along with 3,000' of new water main to meet the waterworks standards and increase system reliability.	1998	\$356,000
25	C	200	3310081	Palm Springs Crest	02	Design and construct new well with pump, modify existing Well 25 pump for delivery to a higher elevation, along with 3,000' of new watermain to meet WWS, increase system reliability, and provide redundancy in source-of-supply.	1998	\$397,000
25	C	200	3310081	Palm Springs Crest	03	Design and construct new pressure reducing station, along with 2,500' of new watermain to meet the WWS and abandon the intermediate tank/booster facilities.	1998	\$219,000
25	C	200	5200551	Woodson Bridge Estates	01	Build a water tower for storage.	1999	\$0
25	C	200	0110012	Town of Sunol	01	Replace 2" service main with 4" service mains. Install fire service mains and hydrants within the distribution system; Replace the existing transmission/supply pipeline.	1998	\$533,080
25	C	200	1500578	LONG CANYON WATER COMPANY CORP.	01	DRILL NEW WELL. OTHER - DESIGN AND CONSTRUCTION	1999	\$50,000
25	C	230	3600279	SO CAL WC-VICTORVILLE #3	01	Replace mainline	1998	\$216,000
25	C	260	3110124	Placer CWA - Monte Vista	01	Install standby generator. Involves design and construction.	1999	\$30,000
25	C	263	1100616	Elk Creek CSD	02	Construct pipeline across creek. Loop dead end lines to reduce problems.	1998	\$232,000
25	C	270	1907026	CAMP VERNON KILPATRICK, CAMP FRED M	02	REPLACE FRESH POTABLE WATER SYSTEM WITH NEW LINES AND CONNECTIONS	1998	\$800,000
25	C	271	1200541	Phillipsville Water Association	01	Install complete water system including wells, pumps, water treatment and storage tank.	1998	\$1,300,000
25	C	300	4700513	Hornbrook Community Services Distri	01	Eliminate deadends by looping. Where looping not possible, provide flushing valves at end of deadend.	1998	\$550,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
25	C	325	3600089 DESERT SPRINGS MWC	02	Replace mainline Phase I	1998	\$67,676
25	C	325	3600089 DESERT SPRINGS MWC	03	Replace mainline Phase III	2000	\$69,000
25	C	325	3600089 DESERT SPRINGS MWC	01	Replace mainline Phase II	1999	\$67,676
25	C	350	5400641 TEVISTON C.S.D.	01	REPLACE DETERIORATED AND UNDERSIZED PIPES	1998	\$130,000
25	C	350	4600018 Sierraville P.U.D.	01	Replace deteriorated and undersized water lines. Repair existing storage tank and add a second tank. Install water meters on all services.	1998	\$500,000
25	C	350	1200553 Weott C.S.D.	05	Remove/replace approximately 1.25 miles of old steel lines. Install connection lines and valves between the two treatment lines at the plant.	1998	\$25,000
25	C	350	1200553 Weott C.S.D.	02	Remove old tank and install two 50,000 gallon tanks.	1998	\$146,000
25	C	350	1200553 Weott C.S.D.	01	Remove and replace water transmission lines under the south fork of the Eel River.	1998	\$50,000
25	C	400	1000267 KINGS CANYON MOBILE HOME PARK	01	CONSTRUCT A NEW WELL AND REPLACE PIPELINES.	1999	\$150,000
25	C	420	5200504 City of Tehama	02	Replace 8000 lineal feet with 6" mains and valves.	1998	\$212,500
25	C	500	1500406 TRADEWINDS WATER ASSOC.	02	SYSTEM AND STORAGE TANK WERE REPLACED	1998	\$450,000
25	C	500	1210022 Resort Improvement Dist. No.1	01	Engineering planning design for construction/repair of tanks.	1998	\$24,100
25	C	500	1503270 LAKE ISABELLA COMMUNITY SERVICES DI	01	DESTROY WELLS AND REPLACE WATER LINE	1998	\$29,400
25	C	500	1210022 Resort Improvement Dist. No.1	09	Engineering design and construction of tanks.	1999	\$464,600
25	C	500	3710011 Jacumba CSD	01	Drill a new well at an already aquired site that is at an elavation higher than existing well sites.	1998	\$67,000
25	C	575	3900964 SAHARA MOBILE COURT	01	REPLACE DISTRIBUTION SYSTEM	1998	\$500,000
25	C	625	3600196 PIONEERTOWN WATER USERS	01	Construct new well and treatment facility	1998	\$150,000
25	C	665	3600100 EASTWOOD FARMS CWU	02	Construct new pressure tank, drill well, install meters	1998	\$115,767
25	C	800	1710018 Lake County CSA 2 - Spring Valley	03	Conduct capacity analysis and develop master plan.	1998	\$100,000
25	C	855	3600139 JUBILEE MWC	01	Construct new tank	1998	\$75,000
25	C	900	1510016 RAND COMMUNITIES WATER DIST	02	CONSTRUCT THREE NEW 100,000 GALLON STEEL TANK RESERVOIRS. OTHER - DESIGN AND CONSTRUCTION	1998	\$409,000
25	C	900	1510016 RAND COMMUNITIES WATER DIST	03	REPLACE WATER MAINS AND REHABILITATE THE WELL AND BOOSTER PUMPS. OTHER - DESIGN AND CONSTRUCTION	1998	\$1,626,000
25	C	900	1510016 RAND COMMUNITIES WATER DIST	01	REPLACE WITH A 500,000 GALLON STORAGE TANK. OTHER - DESIGN AND CONSTRUCTION	1998	\$1,005,800
25	C	1411	1610009 KETTLEMAN CITY CSD	02	DRILL A NEW WELL - PROVIDE TREATMENT IF NECESSARY. OTHER - DESIGN AND CONSTRUCTION	1998	\$840,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
25	C	1411	1610009 KETTLEMAN CITY CSD	03	REPLACE STEEL PIPE WITH AWWA PIPE AND INSTALL NEW BUTTERFLY VALVES. REPLACE THE OLD TELEMETRY SYSTEM WITH A NEW EXPANDABLE TELEMETRY SYSTEM. OTHER - DESIGN AND CONSTRUCTION.	1998	\$180,000
25	C	1500	3610704 Inland Valley Development Agency- 06 No		Replace booster facility	1998	\$150,000
25	C	1500	4710010 City of Tulelake	01	Replace old pumps and electrical equipment. Replace chlorination facilities with more reliable and effective equipment.	1998	\$200,000
25	C	1600	5410014 TIPTON COMMUNITY SERVICES DIST	01	CONSTRUCT NEW WELL. OTHER - DESIGN AND CONSTRUCTION	1998	\$329,000
25	C	1600	5410014 TIPTON COMMUNITY SERVICES DIST	02	REPLACEMENT OF THE EXISTING PIPING WITH NEW PIPELINES AND A CROSSING OF HWY. 99. OTHER - DESIGN AND CONSTRUCTION.	1998	\$366,000
25	C	2000	3310047 Cabazon County Water Dist	03	See attachment B	1998	\$575,000
25	C	2000	4810021 City of Vallejo - Lakes Water System (Gordon Valley)	03	replace old pipes in the area with 4,750 lineal feet of 6" PVC pipe including the installation of four new hydrants.	1998	\$321,000
25	C	2000	4810021 City of Vallejo - Lakes Water System (Gordon Valley)	02	To consolidate with that of the Green Valley Water System.	1998	\$3,600,000
25	C	2000	3310047 Cabazon County Water Dist	01	See attachment B	1999	\$2,500,000
25	C	2500	5410012 STRATHMORE PUBLIC UTIL DIST	01	CONSTRUCT CANAL STORAGE FACILITIES. OTHER - DESIGN AND CONSTRUCTION	1998	\$260,000
25	C	2500	1510009 ERSKINE CREEK WC	01	Interior mainline replacement program	1998	\$350,000
25	C	2900	4710002 City of Dunsmuir	01	Construct storage facilities for upper pressure zone.	1998	\$700,000
25	C	3044	3310018 Home Gardens CWD	01	A water treatment plant with biological denitrification, filtration and disinfection, plus stroage tank for blending, detention and equalization.	1998	\$1,000,000
25	C	4000	5410001 CUTLER PUD	02	PURCHASE WELL SITE AND DRILL A NEW WELL. OTHER - DESIGN AND CONSTRUCTION.	1998	\$350,000
25	C	4000	5410001 CUTLER PUD	01	INSTALL NITRATE REMOVAL EQUIPMENT ON THE DISTRICT'S EXISTING WELL. OTHER - DESIGN AND CONSTRUCTION.	1999	\$600,000
25	C	4000	5410001 CUTLER PUD	03	REPLACE THE OLD AND UNDERSIZED PIPELINES AND INSTALL HYDROPNEUMATIC TANKS ON EXISTING WELLS TO REGULATE THE PRESSURE. OTHER - DESIGN AND CONSTRUCTION.	1998	\$493,000
25	C	4375	1710001 Clearlake Oaks County Water Distric	01	Install a 400 KW generator with electrical switching system	1998	\$80,000
25	C	5000	5410021 EARLMART PUD	01	INSTALL SECONDE CROSSING OF HIGHWAY 99 AND REPLACE SOME PORTIONS OF THE SYSTEMS	1998	\$780,000
25	C	5100	1710006 Konocti County Water District	02	Construct new 0.5 MG storage tank.	1998	\$625,000
25	C	5100	1710006 Konocti County Water District	01	Replace with 6 and 8 inch PVC pipe.	1998	\$7,500,000
25	C	5340	5110001 City of Live Oak	05	Replacement of these lines will provide required fire flows and sustain existing water service.	1998	\$650,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
25	C	5340	5110001 City of Live Oak	04	The construction of multiple storage tanks would allow the City to meet the storage capacity requirements.	1998	\$500,000
25	C	5340	5110001 City of Live Oak	02	The purchase and installation of four generators with automatic switchgear will ensure continuous well operation during power outages.	1998	\$140,000
25	C	5340	5110001 City of Live Oak	01	Construction of an additional well to satisfy CCR, Title 22, Section 64564 requirements and meet peak demands.	1998	\$200,000
25	C	5486	5410008 OROSI PUBLIC UTILITIES DIST	01	INSTALL A 1 MG GROUND WATER STORAGE TANK. OTHER - DESIGN AND CONSTRUCTION	1998	\$732,000
25	C	5486	5410008 OROSI PUBLIC UTILITIES DIST	02	REPLACE THESE EXISTING PIPELINES WITH NEW 8" DIAMETER PIPELINES TO IMPROVE THE PRESSURE AND WATER QUALITY IN THE AREA AFFECTED. OTHER - DESIGN AND CONSTRUCTION	1998	\$1,175,000
25	C	5486	5410008 OROSI PUBLIC UTILITIES DIST	03	INSTALL NITRATE REMOVAL EQUIPMENT ON THE WELL HEAD. OTHER - DESIGN AND CONSTRUCTION	1999	\$600,000
25	C	5669	1010044 HURON, CITY OF	02	PROVIDE A SECOND SOURCE OF SURFACE WATER BY CONNECTING TO LATERAL 22R WHICH IS ABOUT 5,000 FEET AWAY FROM THE PLANT SITE.	1999	\$155,000
25	C	6175	5410020 WOODLAKE, CITY OF	02	ENGINEERING TO LOOP THE SYSTEM. OTHER - DESIGN AND CONSTRUCTION	1998	\$75,000
25	C	6175	5410020 WOODLAKE, CITY OF	01	CONSTRUCTION OF ADDITIONAL WELL WITH STANDBY POWER. OTHER - DESIGN AND CONSTRUCTION	2001	\$300,000
25	C	6175	5410020 WOODLAKE, CITY OF	03	INSTALLATION OF 500,000 GAL RESERVOIR. OTHER - DESIGN AND CONSTRUCTION	2000	\$450,000
25	C	6175	5410020 WOODLAKE, CITY OF	04	VARIOUS SYSTEM IMPROVEMENTS PER "WATER MASTER PLAN". OTHER - DESIGN AND CONSTRUCT	1999	\$324,000
25	C	6549	1710002 California Cities Water Company	01	Replace with 1,000 ft of 8 inch PVC in Lakeshore Dr.	1998	\$90,000
25	C	7800	1010023 ORANGE COVE CITY OF	01	DEVELOP A SUPPLEMENTAL GROUNDWATER SUPPLY CONSISTING OF AT LEAST FOUR WELLS, TRANSMISSION LINES, BLENDING/MIXING STRUCTURES, AND TREATMENT UNITS, IF NECESSARY.	1998	\$3,095,600
25	C	9500	0410008 Thermalito Irrigation District	03	Replace old steel mainline. Design and construct new 2.5 MG storage tank.	1998	\$4,000,000
25	C	14067	1510021 WASCO, CITY OF	01	CONSTRUCT 4.0 MG OF STORAGE AND CONNECT TO SYSTEM. OTHER - DESIGN AND CONSTRUCTION	1999	\$4,000,000
25	C	14677	1510012 LAMONT PUD	01	REPLACE WATER LINES IN NORTH LAMONT. MOVE WATE LINES FROM ALLEYS TO STREET R/W FOR BETTER ACCESS. OTHER - DESIGN AND CONSTRUCTION	1999	\$300,000
25	C	14677	1510012 LAMONT PUD	03	LOOP THE SYSTEM. OTHER - DESIGN AND CONSTRUCTION	1998	\$120,000
25	C	14677	1510012 LAMONT PUD	02	REPLACE WATER LINES IN SOUTH LAMONT. OTHER - DESIGN AND CONSTRUCTON	2000	\$325,000
25	C	15154	1610004 CORCORAN, CITY OF	05	WATER MAIN UPGRADING FROM 4" WITH 6" AND 8" PIPE. OTHER - DESIGN AND CONSTRUCTION	1998	\$240,000
25	C	15154	1610004 CORCORAN, CITY OF	02	DRILL 3 NEW WELLS AND ASSOCIATED PIPING. OTHER - DESIGN AND CONSTRUCTION	1998	\$2,160,000
25	C	15154	1610004 CORCORAN, CITY OF	08	REPLACE C.I. PIPES WITH AWWA C-900 CLASS 150, IN 6", 8", 10" AND 12" SIZES. OTHER - DESIGN AND CONSTRUCTION	1998	\$510,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
25	C	23757	3310008 Mission Springs WD	03	Replacement of 10,870 linear feet of waterlines, 251 service connections and 20 hydrants - Project No. 28	1998	\$975,000
25	C	23757	3310008 Mission Springs WD	02	Replacement of 10,240 linear feet of waterlines, 306 service connections and 24 hydrants - Project No. 29	1998	\$1,000,000
25	C	23757	3310008 Mission Springs WD	01	Replacement of 10,240 linear feet of waterlines, 313 service connections and 18 hydrants - Project No. 28	1998	\$1,025,000
25	C	30000	1910013 BELLFLOWER - SOMERSET MWC	02	Acquire other adjoining system in the city and create one looping waterworks system.	2000	13,357,700
25	C	36000	1910077 SCWC - FLORENCE/GRAHAM	02	REPLACE WATER MAINS IN CRITICAL AREAS	1998	\$500,000
25	C	36000	1910077 SCWC - FLORENCE/GRAHAM	03	INSTALL CHLORINATION TURNOUTS AT MWD CONNECTION	1998	\$45,000
25	C	36000	1910077 SCWC - FLORENCE/GRAHAM	01	CEMENT LINING WATER MAINS IN CRITICAL AREAS.	1998	\$320,000
25	C	55000	1910009 VALLEY COUNTY WATER DIST.	08	Construct a new 30 cfs MWD connection. to solve problem, and Construction	1998	\$300,000
					Project involves: Design		
25	C	55000	1910009 VALLEY COUNTY WATER DIST.	02	Design and construct new piping to connect the affected Zone to the Morada Pressure Zone.	1998	\$250,000
25	C	55000	1910009 VALLEY COUNTY WATER DIST.	06	Construct new treatment facilities at each Well site to remove or blend nitrates, remove perchlorate, remove MtBE, and remove VOC's. Project involves: Study, Design, and Construction	1999	\$1,000,000
25	C	55000	1910009 VALLEY COUNTY WATER DIST.	03	Design and construct one 3,000 gpm connection to the City of Azusa.	1998	\$250,000
25	C	55000	1910009 VALLEY COUNTY WATER DIST.	07	Design and construct a new 3,500 gpm groundwater replacement well.	2000	\$550,000
25	C	55000	1910009 VALLEY COUNTY WATER DIST.	04	Design and construct removal or blending facility for the Morada Well.	1999	\$750,000
25	C	55000	1910009 VALLEY COUNTY WATER DIST.	01	Design and construct new chlorination systems and containment buildings.	1998	\$225,000
25	C	1E+05	3910012 Stockton, City of	03	Pipeline connecting the City of Stockton South to Stockton East Water District Surface Water Treatment Plant	2001	\$4,950,000
25	C	1E+05	3610039 SAN BERNARDINO CITY	07	Replace 16 inch Meridian main with 24 inch	2000	\$750,000
25	C	1E+05	3610039 SAN BERNARDINO CITY	02	Construct 4000 ft Devore transmission main to replace existing 16 inch line built in 1940	1998	\$315,000
25	C	1E+05	3610039 SAN BERNARDINO CITY	10	Construct Scott Laboratories 4.5 MG reservoir	2001	\$2,250,000
25	C	1E+05	3610039 SAN BERNARDINO CITY	06	Replace 12 inch Foothill Blvd main with 16 inch	2000	\$450,000
25	C	1E+05	3610039 SAN BERNARDINO CITY	05	Replace 12 inch 'E' Street main with 24 inch	1999	\$240,000
25	C	1E+05	3610039 SAN BERNARDINO CITY	04	Replace 20 inch Baseline main with 36 inch	1999	\$950,000
25	C	1E+05	3610039 SAN BERNARDINO CITY	08	Replace 16 inch Cajon Canyon well field line built in the 1920's with a 24 inch	2000	\$750,000
25	C	1E+05	3610039 SAN BERNARDINO CITY	12	Construct 2 MG Ogdon reservoir	2001	\$1,000,000
25	P	41	2500513 Arlington Elementary School	01	Drill a new well into a different higher flow strata to provide the reliability required by the Waterworks Standards.	1998	\$17,345

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
25	P	43	1400042 OLANCHA ELEMENTARY SCHOOL	01	Construct new distribution system and tank	1998	\$18,000
25	P	50	1200741 Jack Norton School	01	Replace entire roof on storage tank and repair infiltration gallery as necessary.	1998	\$3,000
25	P	51	2500515 Stateline School	01	Replace old pressure tank with modern bladder type tanks to provide the reliability required by the Waterworks Standards.	1999	\$9,050
25	P	350	5200538 Lassen View School	01	Obtain new chlorination system.	2001	\$10,000
25	P	500	3600504 KNOLL ENTERPRISES	01	Construct new wells or treatment facility	2002	\$500,000
25	P	500	2300785 Leggett Valley Schools	01	Well relocation, upgrade storage, better purification system.	1998	\$100,000
25	P	700	5200519 Gerber Elementary School	01	Drill new well and delivery system (including electric hookup).	1998	\$0
25	P	47865	1907037 GRIFFITH PARK	02	CONDUCT STUDY, DESIGN AND CONSTRUCTION TO SOLVE PROBLEMS.	1998	\$4,710,000
25	N	110	5402055 CAMP KEEP SIERRA	03	Install 600' transmission main; reokace existing fixtures with low flow fixtures (9toilets, 2 urinals); install sediment strainers at 4 locations; install 3 flow meters.	2000	\$10,200
25	N	110	5402055 CAMP KEEP SIERRA	02	Install 600' transmission main; reokace existing fixtures with low flow fixtures (9toilets, 2 urinals); install sediment strainers at 4 locations; install 3 flow meters.	2000	\$10,200
25	N	110	5402055 CAMP KEEP SIERRA	01	Install 600' transmission main; reokace existing fixtures with low flow fixtures (9toilets, 2 urinals); install sediment strainers at 4 locations; install 3 flow meters.	2000	\$10,200
20	C	28	1500327 RANCHO SECO INC. WATER SYSTEM	01	CONSTRUCT A NEW SYSTEM. OTHER - DESIGN AND CONSTRUCTION	1998	\$500,000
20	C	34	0400091 Buzztail Mutual Water Company	02	Construct a new 63,000 gallon storage tank.	1998	\$35,000
20	C	35	5500127 HIDDEN VALLEY TRAILER PARK	01	CONNECT TO PUBLIC WATER SUPPLY. OTHER -DESIGN AND CONSTRUCTION	1998	\$65,000
20	C	45	5200560 Mira Monte Water Co.	01	Construct new well for water system.	1999	\$30,000
20	C	50	4700638 Oak Valley Acres Property Owners As	01	Purchase and install a new booster pump and recondition the existing pump and use it for a backup.	1998	\$2,500
20	C	50	4700638 Oak Valley Acres Property Owners As	02	Install new, higher capacity well pump and two new 5,000 gallon storage tanks.	1998	\$13,000
20	C	50	5200512 Bend Mobilehome & RV Park	01	Solve problem with treatment (chlorination).	1998	\$40,000
20	C	50	1700501 Adams Springs Water District	01	System rebuild.	1998	\$500,000
20	C	50	4700630 Shasta View Heights H.O. Assoc.	01	Determine if well has been damaged by flood. If so, drill new well. If not, install new transmission line connecting well to system.	1998	\$60,000
20	C	55	3500552 Venture Estates MWC	01	Construct a pipeline to connect to Sunnyslope water system.	1998	\$60,000
20	C	57	1200592 Big Lagoon Subdivision	01	Purchase water system; overhaul electrical system; and add a generator to ensure continuous water delivery.	1998	\$100,000
20	C	70	4500023 Hat Creek Highlands MWC	04	Replace disinfection tank to provide the reliability required by the Waterworks Standards.	2001	\$6,500



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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
20	C	70	5800823 COUNTRY AIR MOBILE HOME PARK	01	Upgrade current system to ensure adequate safe supply.	1998	\$8,000
20	C	70	4500023 Hat Creek Highlands MWC	05	Replace storage tank to provide the reliability required by the Waterworks Standards.	2002	\$65,000
20	C	70	4500023 Hat Creek Highlands MWC	02	Install chain link fence around pumping/disinfection and remote storage facilities to provide the protection required by the Waterworks Standards.	1999	\$5,000
20	C	72	5500353 SIERRA VILLAGE TRAILER PARK	02	Install storage and water lines.	2001	\$75,000
20	C	75	0202522 SIERRA PINES MOBILE HOME PARK	01	Install larger tank and larger pump.	1998	\$50,000
20	C	75	3200086 Smith Creek Mutual Water Company	01	Hire contractor to remove sand deposits, sandblast and recoat interior, repair support columns and paint exterior of tank.	1998	\$10,000
20	C	80	1400036 KEELER COMMUNITY	03	Construct new well	1998	\$195,000
20	C	80	1400036 KEELER COMMUNITY	02	Construct new 150k tank	1998	\$125,000
20	C	80	1400036 KEELER COMMUNITY	04	Replace mainline	1998	\$125,000
20	C	90	3700937 LAZY H MUTUAL WATER CO	01	Replace 11250' mains and laterals with 8" and 4" C900 pipe, upgrade service connections.	1998	\$213,500
20	C	100	2702094 Blackie Road WS #18	01	Install all of the above.	1998	\$35,000
20	C	100	3200148 Feather River RV and MHP	01	Shut down entire system and install pipes where needed and valves where necessary.	1999	\$15,000
20	C	100	3301775 HIGH VALLEYS WATER DISTRICT	01	For the past 3 yrs. We have replaced approx. 1 mile a year of the bade pipe with ductile iron. This is approx. all that the budget will allow. Although replacing pipe in the worst areas has helped, to save cost we replace all the pipe in house.	1998	\$3,000,000
20	C	100	5400504 A AND A M.H.P.	01	Drill new Well	1998	\$150,000
20	C	100	1400020 ABERDEEN RESORT AND	01	Replace mainline and loop system	1998	\$105,000
20	C	100	0500068 DUNROVIN MHP	01	INSTALL GENERATOR AND SMALL BACK-UP PUMP	1998	\$20,000
20	C	100	0200176 River Highlands CSD	01	Fix backwash system. Repair telemetry system. Install piping restraints and numerous safety items.	1998	\$28,000
20	C	100	0500091 SIERRA RIDGE GROUP HOME	01	REPLACE DISTRIBUTION SYSTEM.	1998	\$73,000
20	C	101	2701789 Holly Hills Mutual Water Company	01	New pumping station, new well, and increase storage.	1998	\$150,000
20	C	120	3301682 TRAIL'S END	01	We were donated much larger tank in very good shape. We need money to contract out the assembly of our new tank.	1998	\$20,000
20	C	125	3200107 Grizzly Lake RID-(Crocker/Welch)	02	Drill new well. Install 200,000 gallon storage tank. Install four new valves.	1998	\$204,000
20	C	135	1500284 DONEY STREET NEIGHBORHOOD ASSOC.	01	CONSOLIDATE SYSTEM WITH EAST NILES & REFINANCE EXISTING DEBT. OTHER - REFIANCE, DESIGN & CONSTRUCTION	1998	\$400,000
20	C	149	5200007 Howell's Lakeside Water Co.	01	Install new tanks, upgrade pumps, clean wells and install plumbing.	1998	\$100,000
20	C	153	3200505 Johnsville PUD	01	Water available above present springs and dam. Construct 300 to 400 feet of pipeline.	1998	\$100,000

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Bonus	Type	Pop	System # and Name		Pre-App	Project Description	FY	Cost
20	C	180	1000259	HO-HO MOBILE HOME PARK	01	CONNECT TO FRESNO MUNICIPAL WATER SUPPLY - CITY OF FRESNO. OTHER - DESIGN AND CONSTRUCTION	1998	\$50,000
20	C	200	1500401	METTLER COUNTY WATER DISTRICT	01	DRILL NEW WELL AND CONNECT TO SYSTEM. OTHER - DESIGN AND CONSTRUCTION	1998	\$200,000
20	C	210	3301512	PINYON PINES COUNTY	01	Replace substandard mains.	1998	\$75,000
20	C	210	0210002	Kirkwood Meadows Public Utilit	01	Drill additional water well and related treatment facility construction.	1998	\$300,000
20	C	210	0210002	Kirkwood Meadows Public Utilit	02	Drill test wells to find reliable, high volume well.	1998	\$40,000
20	C	250	4600017	R.R. Lewis Small WC	01	Replace 300 feet of 2" and 3" pipe with 4" pipe. Install new storage reservoirs. Purchase emergency chlorination equipment.	1998	\$104,100
20	C	268	2701904	San Jerardo Water System	01	Drill new well and install new pump facilities. Obtain a standby generator and disinfection equipment & install them.	1998	\$145,000
20	C	270	2000554	FAIRMEADE MAINT DISTRICT 33	01	CONSTRUCT A NEW WELL.	1998	\$250,000
20	C	273	5500193	TAMARRON MOBILE HOME PARK	01	REPLACE PUMPS AND PIPING. OTHER - DESIGN AND CONSTRUCTION	1998	\$75,000
20	C	280	5410034	PINE FLAT WATER COMPANY	01	INSTALLLL NEW WELLS AND STORAGE TANK. OTHER - DESIGN AND CONSTRUCTION	1998	\$300,000
20	C	300	4910008	Russian River County Water District	01	Consolidate with adjacent public water district. Install intertie, replace storage tanks and distribution system. Hacienda water system would be acquired and annexed to Russian River County Water District (population 2,000).	1998	\$1,600,000
20	C	365	2210900	Cedar Lodge Resort	01	INSTALL ADDITIONAL WELLS OR A SURFACE WATER TREATMENT PLANT TO TREAT WATER FROM THE MERCED RIVER.	1998	\$200,000
20	C	400	0202504	MARKLEEVILLE WATER COMPANY	01	Locate additional water source and replace pipeline.	1998	\$2,000,000
20	C	450	4500007	Verde Vale Water Company	01	Replace float system in reservoir; Replace pressure system; Update pumping system and electrical to provide the reliability required by the Waterworks Standards.	1998	\$10,000
20	C	450	4910018	Armstrong Valley Water Company	01	Install transmission line to adjacent public water system to purchase water.	1998	\$85,000
20	C	450	3600226	CO-CSA 70 F MORONGO VALLEY	01	Construct 2.37 miles of new mainline	1998	\$525,571
20	C	485	1210024	Westhaven C.S.D.	01	Booster station and/or new main line.	1998	\$50,000
20	C	500	5410036	LSID-STRATHMORE SYSTEM	01	DESIGN AND INSTALL CANAL STORAGE FACILITES TO INCREASE CAPACITY AND RELIABILITY OF WINTER WATER DELIVERIES. OTHER - DESIGN AND CONSTRUCTION	1999	\$250,000
20	C	500	2500503	California Pines C.S.D.	01	Drill a new well to provide the reliability required by the Waterworks Standards. Recoat the interior of the water tank.	1998	\$50,000
20	C	500	5410036	LSID-STRATHMORE SYSTEM	02	MANIFOLD DISTRICT GROUND WATER WELLS TO INCREASE CAPACITY AND YIELD. OTHER - DESIGN AND CONSTRUCTION	1999	\$100,000
20	C	501	4500195	Starlight Pines Mutual WC	03	Repair complete reservoir to provide the reliability required by the Waterworks Standards.	1998	\$10,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
20	C	512	1500424 LANDS OF PROMISE WATER SYSTEM	01	INSTALL 6" MAINS AND 6 -200 TO 500 GAL TANKS.	1998	\$271,760
20	C	547	3700938 YUIMA MUNICIPAL IDA	02	Replace 10,840' of main lines with CML/C or C900 PVC pipe.	1998	\$314,300
20	C	620	5510033 TUD-Scenic View/Scenic Brook	01	EXTEND THE HEIGHT OF THE SHORT TANK. ALSO CONSOLIDATE THIS SYSTEM WITH THE APPLE VALLEY AND PHOENIX LAKE PARK SYSTEMS.	2000	\$40,000
20	C	620	5510033 TUD-Scenic View/Scenic Brook	03	CONSTRUCT A PIPELINE TO INTERCONNECT WITH THE APPLE VALLEY SYSTEM AND DRILL A NEW WELL.	1998	\$60,000
20	C	620	5510033 TUD-Scenic View/Scenic Brook	02	REPLACE THE DETERIORATED PIPELINE IN MIDLAND DRIVE.	1999	\$48,500
20	C	620	5510033 TUD-Scenic View/Scenic Brook	05	CONSTRUCT A 200,000 GALLON STEEL STORAGE TANK.	1998	\$142,000
20	C	740	2700511 Normco	01	Acquire and install all of the above.	1998	\$90,000
20	C	851	3910009 San Joaquin County-Thornton	01	DRILL A NEW WELL.	1998	\$450,000
20	C	870	3600270 SO CAL WC/MOR DEL NORTE	02	Replace mainline	1998	\$74,000
20	C	900	5710004 Knights Landing Service District	01	Construct groundwater well, hydropneumatic tank, auxiliary power unit, controls and piping.	1998	\$150,000
20	C	1000	1010042 MALAGA COUNTY WATER DISTRICT	01	LOOP THE SYSTEM. OTHER - DESIGN AND CONSTRUCT	1998	\$875,000
20	C	1000	0410009 Del Oro Water Co.-Magalia	01	Will be alleviated with the current construction of an intertie and new storage tank.	1998	\$376,000
20	C	1000	4910003 Penngrove Water Company	01	Add 1 MG tank to adjacent system and consolidate.	1998	\$1,750,000
20	C	1000	1010030 TRANQUILLITY IRRIGATION DIST	01	REPAIR WELLS NOS. 4 AND 5, CONSTRUCT NEW WELL NO. 6, IMPROVE TELEMETRY SYSTEM, REPAIR EXISTING ELEVATED STORAGE TANK, INSTALL NEW CHLORINATION SYSTEM, AND INSTALL A NEW STORAGE TANK.	1998	\$570,000
20	C	1260	1510011 BUTTONWILLOW CWD	01	REPLACE 4" LINES WITH 8" LINES AND LOOP THE SYSTEM. OTHER - DESIGN AND CONSTRUCTION	1998	\$250,000
20	C	1415	1010020 LATON COMMUNITY SERVICES DIST	01	REPLACE EXISTING LINE WITH A NEW 8" PVC LINE AND RECONNECT SERVICES.	1998	\$163,000
20	C	1415	1010020 LATON COMMUNITY SERVICES DIST	02	CONSTRUCT A NEW WELL ON THE EAST SIDE OF THE SYSTEM.	1998	\$348,000
20	C	1500	5410025 WOODVILLE PUBLIC UTILITY DIST	01	DRILL NEW WELL	1998	\$300,000
20	C	1600	4110015 Skyline County Water District	04	Grant funds to study system consolidation. Loan funds debt service would like to have incurred by systems requesting consolidation with the district/	1998	\$30,000
20	C	1600	4110015 Skyline County Water District	01	Construction and pump station in Mountain Meadows area.	1998	\$961,000
20	C	1600	4110015 Skyline County Water District	02	Install an emergency back-up generator.	1998	\$150,000
20	C	2000	1710012 Cobb Area County Water District	04	Replace existing steel mains with pipes more impervious to corrosion.	1998	\$195,000
20	C	2000	1710012 Cobb Area County Water District	03	construct new storage tanks.	1998	\$94,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
20	C	2000	0410017 Del Oro Water Co.-Lime Saddle	01	Construct 16,600 feet of 10" main with lift stations and an additional 300,000 gallon storage tank.	1999	\$2,000,000
20	C	2193	3210003 City of Portola	02	See attached	2000	\$1,681,500
20	C	2200	0610001 Arbuckle Public Utility District	01	Replace or install 2,300 feet of water main.	2002	\$125,000
20	C	2500	2210001 MARIPOSA PUBLIC UTILITY DIST	02	REPLACE DETERIORATED WATER MAINS WITH NEW MAINS IN CONFORMANCE WITH THE CALIFORNIA WATERWORKS STANDARDS.	1998	\$1,185,000
20	C	2500	2210001 MARIPOSA PUBLIC UTILITY DIST	04	REFINANCE THE CURRENT BALANCE OF THE ASSESSMENT DISTRICT.	1998	\$2,500,000
20	C	2844	0510003 Angels, City of	03	Replace 3750 linear feet of 10" diameter steel main with 10" diameter C900 main.	2000	\$298,375
20	C	3200	1610001 ARMONA COMMUNITY SERVICES DIST	04	NEEDS TO DRILL NEW WELL OR INSTALL A WTP	1998	\$2,186,300
20	C	3200	1610001 ARMONA COMMUNITY SERVICES DIST	02	DRILL A NEW WELL AND AQUIRE PROPERTY. OTHER - DESIGN AND CONSTRUCTION	1998	\$650,000
20	C	4600	1710004 Lakeport, City of	03	Provide additional water production facilities and upsize lines.	1998	\$5,300,000
20	C	5500	4110010 Citizens Utilities Comp of CA	09	Replace school house tank with 650,000 storage tank.	1998	\$618,000
20	C	5500	4110010 Citizens Utilities Comp of CA	01	Improve capacity of Portola, Alta Vistam Drake, Park, and Wagner wells.	1998	\$1,000,000
20	C	5500	4110010 Citizens Utilities Comp of CA	05	Main replacement and installation.	1998	\$1,843,568
20	C	5500	4110010 Citizens Utilities Comp of CA	14	Electrical rehabilitation (including MCC units , conduit/siring)	1998	\$156,000
20	C	5500	4110010 Citizens Utilities Comp of CA	03		1998	\$1,000,000
20	C	5500	4110010 Citizens Utilities Comp of CA	19	Park and Gutren Well improvements	1998	\$460,000
20	C	5500	4110010 Citizens Utilities Comp of CA	06	Installation and/or replacement of pressure relief, check and control valves.	1998	\$281,810
20	C	5500	4110010 Citizens Utilities Comp of CA	20	Alta Vista water treatment plant	1998	\$250,000
20	C	5500	4110010 Citizens Utilities Comp of CA	18	Airport well #4 Improvements	1998	\$238,000
20	C	5500	4110010 Citizens Utilities Comp of CA	17	Telemetry facilities to Alta Vista storage tank.	1998	\$39,000
20	C	5500	4110010 Citizens Utilities Comp of CA	16	Telemetry facilities from airport well to school house tank.	1998	\$47,000
20	C	5500	4110010 Citizens Utilities Comp of CA	15	Standby diesel powered generator (including diesel storage tank).	1998	\$206,000
20	C	5500	4110010 Citizens Utilities Comp of CA	13	Portola tank 100,000 gal telemetry and booster pump.	1998	\$140,000
20	C	5851	1310005 Holtville - City of	01	Replace existing deteriorated and restricted cast iron water pipelines. See attached description and water system improvement map (attachments 2 and 3).	1998	\$4,134,542
20	C	6000	1110001 City of Orland	01	Replace old 80,000 gallon elevated storage tank with a new 1 MG storage tank.	2000	\$1,500,000
20	C	6546	1610002 AVENAL, CITY OF	06	CONNECT TO THE PRISON HIGH PRESSURE PIPELINE WITH PRESSURE REDUCING STATIONS. FIRE HYDRANTS, VALVES, AND PIPELINES SHALL BE REPLACED TO IMPROVE THE RELIABILITY OF THE SYSTEM. OTHER - DESIGN AND CONSTRUCTION	1998	\$250,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
20	C	6546	1610002 AVENAL, CITY OF	02	INSTALL EMERGENCY GENERATOR. OTHER - DESIGN AND CONSTRUCTION	1998	\$390,000
20	C	6546	1610002 AVENAL, CITY OF	03	REPLACE THE MAIN AND RELIFT TELEMETRY CONTROL SYSTEM, PUMP MAINFOLDS, VALVING AND SWITCH GEAR AS REQUIRED TO MAINTAIN AN EMERGENCY BACKUP PUMPING PLANT SYSTEM FOR FUTURE OUTAGES. OTHER - DESIGN AND CONSTRUCTION	1998	\$190,000
20	C	6807	2010001 CHOWCHILLA CITY WATER DEPT	01	INSTALL 8" AND 12" PVC PIPE. LOOP THE SYSTEM WITH 12" MAIN CONNECTING TO THE WATER WELL. OTHER - DESIGN AND CONSTRUCTION	1999	\$335,000
20	C	6807	2010001 CHOWCHILLA CITY WATER DEPT	04	INSTALL NEW 8" WATER PIPE LOOP AND REPLACE PIPE WITH 8" AND 10" PVC. OTHER - DESIGN AND CONSTRUCTION	2001	\$506,000
20	C	6807	2010001 CHOWCHILLA CITY WATER DEPT	03	REPLACE WITH 8" PVC PIPE. OTHER - DESIGN AND CONSTRUCTION	2000	\$200,000
20	C	6807	2010001 CHOWCHILLA CITY WATER DEPT	05	REPLACE PIPE WITH NEW 12" PVC MASTER LOOP SYSTEM FROM WELL #10. OTHER - DESIGN AND CONSTRUCTION	2002	\$557,000
20	C	6807	2010001 CHOWCHILLA CITY WATER DEPT	02	CONCRETE SEAL EXISTING OPEN-BOTTOM WELL #5 THAT WAS ABANDONED DUE TO FAILURE IN 1995 AND DRILLED NEW WELL TO LARGER SIZE AND DEPTH TO PROVIDE REQUIRED DOMESTIC AND FIRE FLOWS TO SERVE EXISTING DEVELOPED AREA. OTHER - DESIGN AND CONSTRUCTION	1998	\$400,000
20	C	7500	3610031 MUSCOY MWC NO. 1	01	Replace transmission lines	1998	\$637,715
20	C	7500	1910072 SCWC - WILLOWBROOK	01	CEMENT LINING WATER MAINS IN CRITICAL AREAS.	1998	\$100,000
20	C	7500	4510016 Clear Creek C.S.D.	01	Drill new well and loop deadend lines to provide the reliability required by the Waterworks Standards.	1998	\$850,000
20	C	7500	3610031 MUSCOY MWC NO. 1	02	Rehabilitate well and block wall	1998	\$90,000
20	C	7500	1910072 SCWC - WILLOWBROOK	03	INSTALL CHLORINATION TURNOUTS AT MWD CONNECTION	1998	\$15,000
20	C	7500	1910072 SCWC - WILLOWBROOK	02	REPLACE WATER MAINS IN CRITICAL AREAS	1998	\$100,000
20	C	7502	4710011 City of Yreka	01	Construct 1.5 MG storage tank for north end of town.	1998	\$1,000,000
20	C	8000	1510013 MCFARLAND MWC	01	A) Eliminate low volumes and possible bacteriological problems. B) Portable electric generator to restore water service during power outages.	1998	\$211,000
20	C	8265	3310032 San Jacinto - City of	01	The City plans to drill two more wells, build one or two Fe/Mn treatment plants, upgrade and replace the old distribution mains. Add additional surface storage.	1998	\$1,500,000
20	C	8993	5410006 LINDSAY, CITY OF	01	CANAL SUPPLY LINE, 2.5 MG STORAGE TANKS, TWO NEW WELLS, INFRASTRUCTURE IMPROVEMENTS, PRESSURE SYSTEM LOOPS, RAW WATER TREATMENT PLANT IMPROVEMENTS. OTHER - DESIGN AND CONSTRUCTION	1998	12,842,000
20	C	9675	0710004 City of Brentwood	09	Replace the lines to these homes with 6" lines. Replace meters and hydrants for more efficient and healthier system.	1999	\$430,000
20	C	9675	0710004 City of Brentwood	19	Purchase and install 5 emergency generators at the above locations.	1998	\$600,000
20	C	9675	0710004 City of Brentwood	03	Design and construct a new water treatment plant to meet the standards in Section 64653 and the demands on the system.	1999	44,000,000
20	C	9675	0710004 City of Brentwood	05	Do a Nitrification Study master plan to determine the best way to to treat well water for nitrate problems.	1998	\$100,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
20	C	9675	0710004 City of Brentwood	12	TV the wells and check for any holes or cracks in the sleeve.	1998	\$150,000
20	C	9675	0710004 City of Brentwood	02	Do a study to determine the most efficient and practical manner to update the plant. Design the plant upgrades and construction to update and modernize the existing water treatment plant to bring it into compliance with the SWTR.	1999	\$2,000,000
20	C	9675	0710004 City of Brentwood	04	replace polybutylene lines	1998	\$400,000
20	C	9675	0710004 City of Brentwood	11	replace 255 of the 3000 valves with new valves and dresser couplers.	1999	\$850,000
20	C	11000	5510001 TUD - SONORA/JAMESTOWN WATER SYSTEM	04	REPLACE THE STEEL PIPE WITH A NEW PVC PIPE.	2001	\$52,000
20	C	11000	1510019 SHAFTER, CITY OF	01	DRILL A NEW WELL IN THIS AREA AND ADDING A STORAGE TANK. OTHER - DESIGN AND CONSTRUCTION	1998	\$475,000
20	C	11000	5510001 TUD - SONORA/JAMESTOWN WATER SYSTEM	01	CONSTRUCT A 1 MILLION GALLON TREATED WATER STORAGE TANK.	1998	\$420,000
20	C	13000	5210004 City of Red Bluff	04	Loop water system to remove dead end to hospital.	1998	\$800,000
20	C	13000	5210004 City of Red Bluff	16	Install 1MG storage reservoir and well. Loop two major service areas with appropriate size mains.	1998	\$3,000,000
20	C	13000	5210004 City of Red Bluff	05	Construct joining pipeline between Well #4 and Well #8.	1998	\$100,000
20	C	13000	1210004 City of Eureka	01	Retrofit or replace the existing High Tank Reservoir.	1998	\$4,000,000
20	C	13000	5210004 City of Red Bluff	11	Install a transmission watermain in Antelope Blvd.	1999	\$1,100,000
20	C	13000	5210004 City of Red Bluff	03	Construct 1MG storage reservoir.	1998	\$1,305,000
20	C	13000	5210004 City of Red Bluff	06	Install new pipeline.	1998	\$600,000
20	C	13000	5210004 City of Red Bluff	09	Install 16" watermain to alleviate water pressure and service problems.	1998	\$800,000
20	C	13000	5210004 City of Red Bluff	08	Construct new 1MG reservoir.	1998	\$1,305,000
20	C	13500	1210016 McKinleyville C.S.D.	01	Construct new wells and retrofit existing facilities.	1998	\$946,790
20	C	14000	1910159 TRACT 180 MUTUAL WATER CO.	01	Replace water mains/transmission lines.	2000	\$1,500,000
20	C	14544	5410002 DINUBA, CITY OF	04	NITRATE REMOVAL AND GAC TREATMENT. COMMUNITY WATER SYSTEM IMPROVEMENTS AND CONSTRUCT A 3 MG RESERVOIR.	1998	\$5,000,000
20	C	15000	0410011 Del Oro Water Co.-Paradise Pines	01	Well exploration and development.	1999	\$500,000
20	C	15000	0410011 Del Oro Water Co.-Paradise Pines	02	Construction of 1.5 MG storage tank, and interior sandblasting and recoating plus exterior painting of Tanks #1 and #2.	1998	\$1,017,500
20	C	16000	3610049 TWENTYNINE PALMS WATER DIST	02	Replace 46 miles of mainline	1999	\$5,000,000
20	C	16000	3610049 TWENTYNINE PALMS WATER DIST	01	Construct 2 MG reservoir	1998	\$1,200,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
20	C	16250	1010024 CALIFORNIA WATER SERVICE - SELMA	01	CONSTRUCT A ONE MILLION GALLON STORAGE TANK AND BOOSTER PUMP FACILITY.	1998	\$805,000
20	C	17000	1910169 WALNUT PARK MUTUAL WATER CO.	01	Design and construct two (2) new tanks, one domestic well and new pumping station.	1998	\$975,000
20	C	18000	1210009 Humboldt C.S.D.	01	Replace the defective Humboldt Hill reservoir. Include related projects dealing with reliability in area.	2001	\$1,947,000
20	C	21000	3310016 Hemet - City of	02	Drilling of well	1999	\$550,000
20	C	21000	3310016 Hemet - City of	03	Drilling of well.	1998	\$550,000
20	C	21000	3310016 Hemet - City of	04	To build 5 MG reservoir.	1998	\$1,500,000
20	C	21000	1310001 Brawley - City of	01	City wide replacement of aged distribution system. Redesign of the system to provide better system with less possibility of interruption.	1998	12,500,000
20	C	24500	3310006 BANNING, CITY OF	02	Construct additional storage of approximately 4 million gallons.	2000	\$5,000,000
20	C	35000	3310021 Jurupa CSD	01	Construct 2 MG welded steel water storage facilities at Jurupa Community Services District's 980' PZ storage tank site.	1998	\$940,000
20	C	35000	3310021 Jurupa CSD	07	Construct the Riverside North Groundwater Basin Project (see attached report).	1998	\$5,400,000
20	C	35000	3310021 Jurupa CSD	04	Construct a 12" CML/CMC from the District's Bain St. pipeline along Mission Blvd. To Avon St. (Figure 1).	1998	\$650,000
20	C	35000	3310021 Jurupa CSD	02	Drill a municipal well that will yield 1,300 gpm and connect into the District's San Sevaine Way Pipeline..	1998	\$500,000
20	C	35000	3310021 Jurupa CSD	03	Replace pipelines as shown on Figure 1 (see attached documents).	1998	\$458,000
20	C	35000	3310021 Jurupa CSD	05	Ion exchange treatment of groundwater supplies. (see attached report)	1998	\$2,000,000
20	C	35000	3310021 Jurupa CSD	06	Convert two wells used by Space Center Mira Loma, Inc. to municipal purposes.	1998	\$600,000
20	C	48500	1910011 SCWC - BELL, BELL GARDENS	03	INSTALL PAT OR GAC FACILITIES FOR VOC REMOVAL AT HOFFMAN SITE.	1998	\$300,000
20	C	48500	1910011 SCWC - BELL, BELL GARDENS	05	INSTALL PAT OR GAC FACILITIES FOR VOC REMOVAL AT GAGE SITE.	1998	\$300,000
20	C	48500	1910011 SCWC - BELL, BELL GARDENS	07	REPLACE WATER MAINS IN CRITICAL AREAS	1998	\$700,000
20	C	48500	1910011 SCWC - BELL, BELL GARDENS	08	INSTALL CHLORINATION TURNOUTS AT MWD CONNECTION	1998	\$15,000
20	C	48500	1910011 SCWC - BELL, BELL GARDENS	04	INSTALL PAT OR GAC FACILITIES FOR VOC REMOVAL AT WATSON SITE.	1998	\$300,000
20	C	48500	1910011 SCWC - BELL, BELL GARDENS	02	INSTALL PAT OR GAC FACILITIES FOR VOC REMOVAL AT BISSELL SITE.	1998	\$300,000
20	C	48500	1910011 SCWC - BELL, BELL GARDENS	01	INSTALL PAT OR GAC FACILITIES FOR VOC REMOVAL AT DARWELL SITE.	1998	\$300,000
20	C	48500	1910011 SCWC - BELL, BELL GARDENS	06	CEMENT LINING WATER MAINS IN CRITICAL AREAS.	1998	\$320,000
20	C	60000	1910049 HUNTINGTON PARK-CITY, WATER DEPT.	01	Design and construct replacement facilities. Develop a priority list.	1998	17,000,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
20	C	66000	1910239 CITY OF LAKEWOOD	02	Design and construct a replacement storage facility of similar capacity to the existing structure.	2001	\$1,500,000
20	C	66000	1910239 CITY OF LAKEWOOD	04	In 1997, the City replaced the mains and services to upgrade the water pressure and improve service to the customers.	1998	\$130,700
20	C	74000	1910026 COMPTON-CITY, WATER DEPT.	04	Design and construct 12 inch D.I., 10,000 feet, replacement pipeline in Long Beach Blvd.	1999	\$1,600,000
20	C	74000	1910026 COMPTON-CITY, WATER DEPT.	07	Replace mains with 8" D.I. Design and Construction	2002	\$1,800,000
20	C	74000	1910026 COMPTON-CITY, WATER DEPT.	02	Replace mains with 8" D.I. Design, and Construction	1999	\$1,400,000
20	C	74000	1910026 COMPTON-CITY, WATER DEPT.	01	Replace mains with 8" D.I. and relocate to streets. Construction	1998	\$700,000
20	C	74000	1910026 COMPTON-CITY, WATER DEPT.	06	Replace main with 8" D.I. involves: Design and Construction	2001	\$1,200,000
20	C	74000	1910026 COMPTON-CITY, WATER DEPT.	05	Replace mains with 8" D.I. Design and Construction	2000	\$1,000,000
20	P	31	3301947 Morning Sky School	01	Replacement of failing equipment and outfitting of alternate well.	1998	\$10,000
20	P	48	1400068 DEEP SPRINGS COLLEGE	01	Construct new tank	1998	\$30,000
20	P	48	1400068 DEEP SPRINGS COLLEGE	02	Replace distribution system piping	1998	\$60,000
20	P	120	1000359 CANTUA CREEK RELOCATION	01	INSTALL AN ADDITIONAL STORAGE TANK TO INCREASE STORAGE CAPACITY FOR SYSTEM RELIABILITY.	1998	\$200,000
20	P	150	2510800 Devil's Garden Conserv. Camp	01	Drill a new well, install new tank and install new disinfection system, including building.	2000	\$250,000
20	P	150	5200005 Tehama Co. Walnut Street Complex	01	See attached notes	2001	\$0
20	P	170	1100527 Capay Joint Union Elementary School	01	Improve waterline and install another 525 gallon tank in-line with the other one.	1998	\$5,200
20	P	180	0202501 DIAMOND VALLEY SCHOOL	01	Increase depth and capacity of wells and holding tanks for fire and pressure problem.	1998	\$35,000
20	P	200	4500188 Igo-Ono School	01	Remove and replace all pipes leading from storage tank into the old school building to provide the reliability required by the Waterworks Standards.	1999	\$50,000
20	N	30	3600541 MELODY KNOLLS WC	01	Replace mainline and meters	1998	\$15,000
20	N	40	3301553 City of Blythe - Airport	01	Construct a transmission main pipeline connection of the water system to the City of Blythe water system.	1998	\$5,000,000



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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
20	N	100	5400708 ALPINE VILLAGE WATER COMPANY	01	INSTALL NEW STORAGE TANKS, LOOP THE WATER SYSTEM, ADD VALVE TO ISOLATE THE SYSTEM, INSTALL A CENTRAL PUMP CONTROL SYSTEM. OTHER - DESIGN AND CONSTRUCTION	1998	\$68,300
20	N	350	4700807 JH Ranch	01	Have already installed storage tanks with own funds. Need to install piping and controls to connect tanks with existing water system.	1998	\$75,000
20	N	586	4910306 CSP-Armstrong Redwoods State Reserv	01	Develop new well at north end of park to serve north day use area.	2000	\$85,000
20	N	1500	4100536 SAN MATEO COUNTY MEMORIAL PARK	01	Construct new water main. Feasibility study to consolidate water systems.	1998	\$100,000
20	S	100	0202001 Sierra Pines Park Water System	01	New pump and pressure system using larger storage tank.	1998	\$50,000
15	C	28	1400109 Sierra North CSD	01	Construct new well and tank	1999	\$25,000
15	C	28	0901217 BEAR STATE W.W.	01	Add new well, storage, and treatment facilities. Involves study, design and construction.	1998	\$200,000
15	C	40	1400034 KEOUGH HOT SPRINGS	03	Construct new well and tank	1998	\$50,000
15	C	40	1400034 KEOUGH HOT SPRINGS	02	Construct new well and tank	1998	\$41,500
15	C	40	1400034 KEOUGH HOT SPRINGS	01	Construct new distribution system	1998	\$75,000
15	C	45	1400501 Alpine Water Company	01	Construct new well	1998	\$50,000
15	C	50	4500303 Tucker Oaks East Water System	01	Add metered chemical to water supply at the well head to raise pH to 8.0 or above and thereby eliminate corrosivity and provide the reliability required by the Waterworks Standards.	1998	\$20,000
15	C	50	4500303 Tucker Oaks East Water System	03	Install a second pump in the well casing in order to work in tandem with the existing pump and serve as a backup in the event of the failure of one pump to provide the reliability required by the Waterworks Standards.	1998	\$12,000
15	C	50	0500019 MINERAL MTN ESTATES MWC	02	REPLACE THIN WALL PVC LINES WITH SCHEDULE 40 PVC	1999	\$9,700
15	C	57	2000557 MIAMI CREEK KNOLLS	01	CONSTRUCT A NEW DISTRIBUTION SYSTEM AND A 50,000 GALLON STORAGE TANK.	1998	\$250,000
15	C	75	2600538 LOWER ROCK CREEK	02	Construct 900 ft of 6inch to loop upper zone	2000	\$95,000
15	C	75	2600538 LOWER ROCK CREEK	01	Construct new 100k gal tank	1999	\$80,000
15	C	95	2000589 MAMMOTH POOL MOBILE HOME PARK	01	INSTALL A NEW PUMP AND STORAGE TANK, AND A TREATMENT SYSTEM.	1998	\$15,000
15	C	100	0200184 Berry Creek CSD	01	Replace distribution system main piping.	1998	\$50,000
15	C	100	4500012 Cascade Racquet Club MWC	01	Construct hydropneumatic storage tank; build larger pumping facility with standby generator to provide reliability required by the Waterworks Standards.	1998	\$40,000
15	C	100	1400062 BIG PINE CARE CENTER	01	Construct new tank	1998	\$7,500
15	C	100	1400062 BIG PINE CARE CENTER	02	Construct new distribution system	1998	\$75,000
15	C	100	1400062 BIG PINE CARE CENTER	03	Construct two replacement wells	1998	\$14,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
15	C	130	2600501 BIRCHIM COMMUNITY SERVICE	01	Replace mainline	1998	\$250,000
15	C	133	4900787 Plaza Mobile Home Park	02	Activate second existing non-operating well by installing new pump, chlorination system, and enclosure.	2000	\$5,000
15	C	133	4900787 Plaza Mobile Home Park	01	Activate 2nd existing nonoperational well by installing new pumps and chlorination system and enclose.	1998	\$2,000
15	C	135	1800534 Spaulding/Eagle Lake MWC	01	Replace 2-inch pipes with 6-inch pipes throughout the water system.	2001	\$125,000
15	C	150	4900791 Western Mobile Home Park	02	Run 2" line with 3/4" service connections to each home.	2000	\$10,000
15	C	154	5500096 SIERRA TWAIN HARTE MOBILE PARK	01	CONSTRUCT AN ADDITIONAL WELL.	1999	\$25,000
15	C	159	0310015 Rabb Park Community Ser. Dist.	04	REFINANCE AT LOWER INTERST RATE	1998	\$11,250
15	C	159	0310015 Rabb Park Community Ser. Dist.	02	INSTALL 750' OF C-900 PIPELINE. OTHER = DESIGN AND CONSTRUCTION.	1998	\$38,000
15	C	160	2000527 YOSEMITE FORKS ESTATES	01	REPLACEMENT OF PIPELINES. THIS PROJECT WILL ALSO BENEFIT THE ADJACENT CEDAR VALLEY SYSTEM WHICH IS INTERCONNECTED.	1998	\$483,000
15	C	170	1400037 FOOTHILL TRAILER PARK	01	Construct new well and tank	1998	\$48,000
15	C	170	4900552 Michelle Mutual Water Company	01	Replace mains and upgrade hardware in the process: 40,000 gal redwood tank, approx. 7,400 feet of mains, wells and pumps as required.	1998	\$190,000
15	C	175	3600185 OAK GLEN DOMESTIC WATER	01	Replace mainline	1998	\$200,000
15	C	200	1500374 GRAND OAKS WATER COMPANY	01	DRILL AND EQUIP NEW WELL AND INSTALL ADDITIONAL STORAGE TANK. OTHER - DESIGN AND CONSTRUCTION.	1998	\$200,000
15	C	250	1400097 ZELLHOEFER WATER SYSTEM	03	Replace mainline, valves	1998	\$12,500
15	C	250	1400097 ZELLHOEFER WATER SYSTEM	05	Construct new well and tank	1998	\$44,600
15	C	250	1400097 ZELLHOEFER WATER SYSTEM	02	Replace mainline, valves	1998	\$18,600
15	C	250	1400097 ZELLHOEFER WATER SYSTEM	01	Replace mainline, valves	1998	\$19,600
15	C	250	2400201 VOLTA COMMUNITY SERVICES DISTRICT	01	DRILL NEW WELL AND PROVIDE GENERATOR.	1998	\$50,000
15	C	250	1400097 ZELLHOEFER WATER SYSTEM	04	Replace well transmission line, storage tank	1998	\$34,800
15	C	288	1900036 NEW MINT WATER SYSTEM	01	COMPLETE REPLACEMENT OF WATER MAINS - FIRE HYDRANTS.	1998	\$316,000
15	C	300	4900612 Heights Mutual Water Company	01	Replace 2 inch main with 6 inch, install fire hydrants, replace deteriorated redwood storage tank, construct new well in the upper pressure zone.	1998	\$500,000
15	C	340	3900831 ARBOR MOBILE HOME PARK	01	RENOVATE BACK-UP WELL. OTHER = DESIGN AND CONSTRUCTION	1998	\$10,000
15	C	490	2300591 Pine Mountain Mutual Water Co.	04	Replace old pressure reducing valves, as well as adding two more to the system to reduce pressure to less than 100 psi.	1998	\$11,000
15	C	490	2300591 Pine Mountain Mutual Water Co.	05	Replace water main with 6 inch PVC as well as lateral services.	1998	\$775,500

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Bonus	Type	Pop	System # and Name		Pre-App	Project Description	FY	Cost
15	C	490	2300591	Pine Mountain Mutual Water Co.	06	Install 2 air/vac valves and 3 fire hydrants.	1998	\$7,000
15	C	500	1400006	ROVANA WATER COMPANY	04	Construct new tank	1998	\$107,400
15	C	500	2000521	BROADVIEW TERRACE WATER	01	INSTALL 6 INCH DIAMETER MAINS WITH FIRE HYDRANTS.	1999	\$300,000
15	C	500	1400006	ROVANA WATER COMPANY	03	Replace lines	1998	\$611,500
15	C	500	1400006	ROVANA WATER COMPANY	05	Replace upper segment of line	1998	\$95,200
15	C	500	1400006	ROVANA WATER COMPANY	06	Install backup system	1998	\$45,200
15	C	500	1400006	ROVANA WATER COMPANY	02	Drill backup well	1998	\$381,300
15	C	598	1410002	LADWP INDEPENDENCE	01	Replace mainline	1998	\$400,000
15	C	598	1410002	LADWP INDEPENDENCE	02	Replace mainline	1999	\$350,000
15	C	598	1410002	LADWP INDEPENDENCE	05	Hire consultant to perform system analysis	1998	\$30,000
15	C	598	1410002	LADWP INDEPENDENCE	03	Replace mainline	2000	\$250,000
15	C	598	1410002	LADWP INDEPENDENCE	04	Replace mainline	2001	\$200,000
15	C	598	1410002	LADWP INDEPENDENCE	06	Construct new tank	2000	\$100,000
15	C	640	3600301	STRAWBERRY LODGE MWC	01	Replace mainline	1999	\$750,000
15	C	700	3610023	GREEN VALLEY MWC	01	Construct new mains, add storage facilities	1998	\$500,000
15	C	750	1410005	INDIAN CREEK MWC	01	Construct a 500,000 gallon storage tank	2000	\$600,000
15	C	775	2010009	MADERA CO SA NO 22-ROLLING HIL	01	INSTALL A NEW WELL AND A STANDBY GENERATOR.	1998	\$500,000
15	C	796	0910006	Grizzly Flats Community Servic	03	Add a pump, hydropneumatic tank and system pipe tie-in and a 2" service line to customers. Involves design and construction.	1998	\$25,000
15	C	796	0910006	Grizzly Flats Community Servic	02	Install an additional 200,000 gallon covered, treated water storage tank. Involves design and construction.	1998	\$175,000
15	C	830	4510013	Shasta C.S.D.	01	Construct 500,000 storage tank and pump station and extend 12-inch main to increase pressure and provide the reliability required by the Waterworks Standards.	1998	\$650,000
15	C	855	1410004	BIG PINE CSD	01	Construct new well	1999	\$140,000
15	C	900	3110023	North Tahoe PUD - Carnelian Woods	02	Construct a new well. Involves design and construction.	1998	\$280,000
15	C	900	3110023	North Tahoe PUD - Carnelian Woods	03	Replace 3,170 ft water mains. Involves design and construction.	2001	\$315,800
15	C	900	3110023	North Tahoe PUD - Carnelian Woods	01	Construct an 8,330 ft, 12" diameter intertie to District's main water system. Involves design and construction.	1999	\$1,082,500

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
15	C	900	3110023 North Tahoe PUD - Carnelian Woods	04	Replace 2,400 ft of pipe. Involves design and construction.	2002	\$409,600
15	C	930	4610001 City of Loyalton	02	Replace booster pump. Drill new well. Rehabilitate distribution system.	1999	\$547,000
15	C	1000	3610021 FALLSVALE SERVICE COMPANY	01	Repair or replace mainlines and tanks	1998	\$90,000
15	C	1000	3610011 CEDARPINES PARK MWC	01	Refinance	1998	\$1,670,500
15	C	1050	1800511 Lake Forest MWC	01	Recoat largest storage tank. Build new tank. Replace and add fire hydrants.	1998	\$0
15	C	1187	2010006 MADERA CSA NO 3 PARKSDALE	01	INSTALL A NEW WELL AND A STANDBY GENERATOR.	1998	\$400,000
15	C	1266	1410003 LADWP - LONE PINE	02	Replace mainline	1999	\$200,000
15	C	1266	1410003 LADWP - LONE PINE	04	Hire consultant to perform system analysis	1998	\$30,000
15	C	1266	1410003 LADWP - LONE PINE	03	Construct new tank	1998	\$310,000
15	C	1266	1410003 LADWP - LONE PINE	01	Replace mainline	2000	\$150,000
15	C	1464	4510008 Fall River Mills C.S.D.	01	Drill a new well in second community to provide the reliability required by the Waterworks Standards.	1998	\$150,000
15	C	1500	2410011 LE GRAND COMM SERVICES DIST	01	CONSTRUCTION OF NEW WELLS AND 22,000 FEET OF NEW WATER LINES.	1998	\$2,282,500
15	C	1700	1010039 CARUTHERS COMM SERV DIST	03	INSTALL APPROX. 7,000 LF OF NEW WATER MAIN. OTHER - DESIGN AND CONSTRUCTION	1998	\$380,000
15	C	1725	5410033 PRATT MUTUAL WATER CO	02	REPLACE NEW MAIN	1998	\$200,000
15	C	1885	1710010 Lower Lake County Water District	02	Replace with 500K steel stank. Integrate with existing 500K tank with a 16 inch line and have the ability to shut off each tank for maintenance.	2001	\$200,000
15	C	1885	1710010 Lower Lake County Water District	03	Replace with 100 -150K storage tank.	2001	\$70,000
15	C	1885	1710010 Lower Lake County Water District	06	Replace with 12 inch C-900 using proper sand bedding.	1999	\$200,000
15	C	1885	1710010 Lower Lake County Water District	05	Replace existing pipe with C900 and ductile iron where it crosses Herndon Creek.	1998	\$100,000
15	C	1885	1710010 Lower Lake County Water District	01	Abandon both crossings and relocate to right of way at bridge on Copsey Creek way.	1998	\$55,000
15	C	2011	5810004 City of Wheatland	01	Installation of additional well(s).	1998	\$170,000
15	C	2170	2010007 HILLVIEW WC-OAKHURST/SIERRA LAKES	02	REPLACE ABOUT 6,000 FEET OF CLASS 160 PVC WITH NEW 12 INCH DUCTILE IRON PIPE.	1999	\$300,000
15	C	2280	2710019 CWS Oak Hills	01	Install a GAC treatment process.	1998	\$200,000
15	C	2500	3210002 Plumas County Flood Control	01	Upgrade system with contact clarifiers, rehab filters, expand GAC capacity, install alternative disinfection, new chemical feed equipment	2000	\$975,000
15	C	2800	2910005 Donner Lake Water Company	01	Replacement of existing tank with a 500,000 gallon tank and addition of a booster facility.	1999	\$500,000
15	C	2800	2910005 Donner Lake Water Company	02	Replace main with 10" ductal iron pipe and construct 500,000 gallon storage tank.	1999	\$1,325,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
15	C	3000	0910007 Lukins Brothers Water Company	01	Drill new well at property of Well 4 and replace Well 3 on new property.	1998	\$250,000
15	C	3000	0910007 Lukins Brothers Water Company	03	Install storage tanks with pump and generator station.	2002	\$800,000
15	C	3000	2710012 CWS Salinas Hills	01	Install one million gallon tank and booster pump facility.	2001	\$805,000
15	C	3100	3710038 Borrego Springs WC	04	Construct a 0.5 MG Bolted Steel Tank.	1998	\$140,000
15	C	3100	3710038 Borrego Springs WC	02	Install 3,900 feet of 8" Class 200 PVC water main, with appurtanences and metering facility.	1998	\$125,000
15	C	3100	3710038 Borrego Springs WC	01	Replace 45 year old 4" and 6" water mains with 6" and 8" pipelines to AWWA standards - length: 29,500 feet.	1998	\$580,000
15	C	3100	3710038 Borrego Springs WC	03	Construct a new well in the southerly one-half of the service area and equip the well with pump and controls.	1998	\$175,000
15	C	3100	3710038 Borrego Springs WC	05	Install a supervisory control system with data accumulation (SCADA System) to control the system 24 hours per day.	1999	\$80,000
15	C	3300	4510003 Burney Water District	01	Extend a 12-inch water main 2,500 feet to provide a loop to this area to provide the reliability required by the Waterworks Standards..	1998	\$110,000
15	C	3450	3410704 Mather AFB - Wherry Housing Area	04	Replace deficient valves and hydrants.	1998	\$175,000
15	C	3500	2410007 PLANADA CSD	02	INSTALL ADEQUATELY SIZED WATER LINES FROM THE SOUTH SIDE OF THE SYSTEM TO THE NORTH SIDE OF THE SYSTEM.	1998	\$190,000
15	C	3700	5310001 Weaverville C.S.D.	05	Replace water transmission main.		\$1,050,000
15	C	3700	5310001 Weaverville C.S.D.	08	Install approximately 1400 feet of 12-inch replacement water main.	1998	\$35,000
15	C	3700	5310001 Weaverville C.S.D.	02	Looping the two mains would eliminate the dead ends and facilitate Trinity River treated water to flow to portion of the East Weaver Pressure Zone.	1999	\$77,000
15	C	3800	5110007 Sutter CSD	02	Add a 1mgal tank and replace old pipe in one section of our system	2001	\$400,000
15	C	4000	0310010 AWA, Pioneer I.D. #1	01	INSTALL NEW WATER MAINS. OTHER = DESIGN AND CONSTRUCTION	2001	\$450,000
15	C	5000	2310006 Millview County Water District	02	Enlarge and replace distribution lines.	1998	\$350,000
15	C	5000	3310051 Myoma Dunes Mutual Wtr Co	01	Construct new mainlines, replace undersize & deficient mains, install isolation valves.	1998	\$348,000
15	C	5000	2310006 Millview County Water District	03	New pumping station, distribution system and storage tank.	1998	\$450,000
15	C	5000	2310006 Millview County Water District	04	Add 1 600 gpm filter and 1 3,000 gpm roughing filter.	1998	\$1,000,000
15	C	5864	3910010 San Joaquin County-Lincoln Village	01	REPLACE ELEVATED TANK WITH PRESSURE TANK AND REPLACE STEEL LINES - (NO EVIDENCE OF CONSOLIDATION). OTHER = DESIGN AND CONSTRUCTION.	1998	\$1,000,000
15	C	6000	1510041 NORTH OF THE RIVER MWD	03	Replacement of majority of distribution system, and customer service lines. OTHER - Design and Construction	1998	\$3,300,000
15	C	6500	1910195 SCWC - HOLLYDALE	01	CEMENT LINING WATER MAINS IN CRITICAL AREAS.	1998	\$100,000
15	C	6500	1910195 SCWC - HOLLYDALE	03	INSTALL CHLORINATION TURNOUTS AT MWD CONNECTION	1998	\$15,000

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Bonus	Type	Pop	System # and Name		Pre-App	Project Description	FY	Cost
15	C	6500	1910195	SCWC - HOLLYDALE	02	REPLACE WATER MAINS IN CRITICAL AREAS	1998	\$100,000
15	C	6600	1910085	MAYWOOD MUTUAL WATER CO. #2	01	Construct 1.5 MG reservoir. Remove top 30' of two reservoirs. Construct new roofs on two reservoirs, construct hydropneumatic pump station and standby generator. Project involves: Design to solve problem, and Construction.	1998	\$2,000,000
15	C	8000	0310012	ACWA Buckhorn Plant	02	CONSTRUCT TREATED WATER STORAGE TANK. OTHER = DESIGN AND CONSTRUCTION	2001	\$850,000
15	C	8505	1010019	KINGSBURG, CITY OF	05	CONSTRUCT A NEW WELL (NO. 15).	1999	\$350,000
15	C	8847	1910149	CITY OF SIGNAL HILL	07	Design and construct new roof using stainless steel fittings.	1998	\$810,000
15	C	8847	1910149	CITY OF SIGNAL HILL	08	Purchase a portable emergency generator to power well pump in case of interrupted electrical service. Project involves: Purchase	1999	\$150,000
15	C	8847	1910149	CITY OF SIGNAL HILL	03	The City shall rehab well #6 to eliminate contamination, or drill a new well if rehab is determined ineffective. The existing transmission main connecting well #6 to the system needs to be reconstructed. Project involves: Design and Construction	1998	\$1,873,000
15	C	8847	1910149	CITY OF SIGNAL HILL	06	Design and construct two new finished and connecting piping stations south of the 405 freeway water reservoirs. Refinance debt obligation (Municipal Bonds)	1998	\$8,600,000
15	C	8847	1910149	CITY OF SIGNAL HILL	05	Construct pump and metering stations at the California Ave/Willow Street Long Beach/Signal Hill interconnect.	1998	\$200,000
15	C	8847	1910149	CITY OF SIGNAL HILL	04	Construct chlorine injection line from City reservoir/disinfection station to MWD P.O.C. - approximately 800 Lin. Ft.	1998	\$144,136
15	C	9200	2410010	WINTON WATER & SANITARY DIST	01	LOCATE BY AREA ALL SUBSTANDARD SIZED LINES AND REPLACE/CONSTRUCT A STORAGE TANK WITH CONNECTING LINES. OTHER - STUDY, DESIGN AND CONSTRUCTION	1998	\$2,500,000
15	C	10000	3110001	North Tahoe PUD - Main	07	Install water mains along highway.	1998	\$566,500
15	C	10000	3110001	North Tahoe PUD - Main	14	Construct a 2,660 ft long main. Involves design and construction.	2001	\$267,500
15	C	10000	3110001	North Tahoe PUD - Main	15	Replace 3,020 ft of water main. Involves design and construction.	2001	\$277,100
15	C	10000	3110001	North Tahoe PUD - Main	06	Create a pressurized sub-zone and provide service stubs to properties with pressures. Involves design and construction.	1998	\$94,900
15	C	10000	3110001	North Tahoe PUD - Main	12	Install 4,160 ft of pipe. Involves design and construction.	1999	\$366,700
15	C	10000	3110001	North Tahoe PUD - Main	03	Construct a new 1,400 foot long water main within the State Highway, relocate services to the new line, improve pressure and quality. Involves design and construction.	2001	\$165,000
15	C	10000	3110001	North Tahoe PUD - Main	02	Install a modern, supervisory control and data acquisition system.	1998	\$126,000
15	C	10000	2410004	LIVINGSTON-CITY	01	INSTALL NEW 6" MAINS AND NEW STYLE HYDRANTS. OTHER - DESIGN AND CONSTRUCTION	1998	\$500,000
15	C	10000	3110001	North Tahoe PUD - Main	04	Install 1,800 ft water main, increase pressure. Involves design and construction.	2002	\$172,100
15	C	10300	1210006	City of Fortuna	01	Replace existing 30,000 gallon water storage tank with a 150,000 gallon tank.	2000	\$350,000
15	C	10320	2710009	CWS King City	01	Design and construct treatment facilities and piping systems.	1999	\$1,500,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
15	C	12861	4510014 Bella Vista Water District	02	Build two reservoirs to increase storage capacity and provide the reliability required by the Waterworks Standards.	1998	\$1,400,000
15	C	12861	4510014 Bella Vista Water District	01	Add standby power at Pump Station, and add one well with filters to provide the reliability required by the Waterworks Standards.	1998	\$1,200,000
15	C	12861	4510014 Bella Vista Water District	07	Loop deadend mains to solve low pressure problem and provide the reliability required by the Waterworks Standards.	2000	\$1,775,000
15	C	12861	4510014 Bella Vista Water District	05	Construct storage, pump station and pipe line to solve low pressure problem and provide the reliability required by the Waterworks Standards.	1999	\$3,590,000
15	C	12861	1510029 VAUGHN WC INC	01	INSTALL A 2 MG STORAGE TANK AND BOOSTER PUMPING STATION WHICH WILL IMPROVE STORAGE CAPACITY TO A MINIMUM OF 9 HRS OF STORAGE. OTHER - DESIGN & CONSTRUCTION	1998	\$1,100,000
15	C	12861	4510014 Bella Vista Water District	04	Study and pre-design of solution to low pressure problem and provide the reliability required by the Waterworks Standards.	1998	\$100,000
15	C	15000	1910038 EL MONTE-CITY, WATER DEPT.	01	1) Installed GAC treatment plant. 2) Elevated tank was refurbished. 3) Replace old water mains.	1998	\$500,000
15	C	15900	1910161 PARK WC - LYNWOOD	02	Preliminary and final design of well and construction of well. Project involves: Design, and Construction	1999	\$450,000
15	C	15900	1910161 PARK WC - LYNWOOD	01	Final design of well head and construction of well head. Project involves: Design, and Construction	2000	\$730,000
15	C	18100	2410005 LOS BANOS-CITY	02	Construct Storage Facilities	2000	\$1,500,000
15	C	23247	3410025 Arcade WD - North Highlands	03	Install larger diameter connecting and transmission mains. Involves design and construction.	2000	\$5,000,000
15	C	23247	3410025 Arcade WD - North Highlands	01	Install 10 mg water storage reservoir. Involves design and construction.	1998	\$4,500,000
15	C	26100	1910021 PARK WC - COMPTON	01	Final design of well head and construction of well head. Project involves: Design, and Construction	1999	\$1,180,000
15	C	34000	3610055 YUCAIPA VALLEY WD ID-A&2	02	Replace mainline	1998	\$639,450
15	C	34000	3610055 YUCAIPA VALLEY WD ID-A&2	01	Replace mainline	1998	\$1,000,000
15	C	34000	3610055 YUCAIPA VALLEY WD ID-A&2	03	Drill new well in Wilson Creek area	1998	\$425,000
15	C	40000	1610003 HANFORD, CITY OF	02	DEVELOP NEW DEEP WELL USING ZONES WITH LOW ARSENIC LEVELS.	1998	\$750,000
15	C	42500	4010009 SAN LUIS OBISPO WATER DEPARTMENT	03	Install operable gates in existing spillway at Salinas Dam to increase storage capacity	2000	16,200,000
15	C	45000	5710003 West Sacramento, City of	09	Install two booster stations and hydropneumatic tanks and water main. Involves design and construction.	1999	\$990,000
15	C	66000	3310012 Elsinore Valley MWD	05	See attached sheet	1998	\$4,300,000
15	C	66000	3310012 Elsinore Valley MWD	03	See attached sheet	2000	\$2,850,000
15	C	70700	3410001 Arcade WD - Town & Country	04	Install 7.2 mg water storage reservoir. Involves design and construction.	1998	\$3,500,000
15	C	70700	3410001 Arcade WD - Town & Country	03	Install booster pump station and 5 mg reservoir. Involves design and construction.	1998	\$3,000,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
15	C	70700	3410001 Arcade WD - Town & Country	01	Construct large diameter connecting and transmission mains to allow water to be moved throughout system. Involves design and construction.	2000	14,200,000
15	C	98930	2710010 CWS Salinas	03	Design and construct treatment facilities.	2002	\$1,500,000
15	C	98930	2710010 CWS Salinas	01	Install GAC treatment.	1999	\$400,000
15	C	98930	2710010 CWS Salinas	02	Design and construct treatment facilities.	2000	\$1,500,000
15	C	1E+05	1910008 AZUSA LIGHT AND WATER	04	Repair approx. 325 linear feet of cracks in the reservoir wall. Sandblast interior walls - Sandblast exterior surface and apply new stucco coat.	1998	\$180,000
15	C	1E+05	1910008 AZUSA LIGHT AND WATER	07	Install transfer switches for all active wells and electric booster pumps.	1998	\$130,000
15	C	1E+05	3710014 Oceanside - City of	05	Areas 4, 5, and 6 pipeline replacement with larger line and modern materials will eliminate the fire flow and leakage problems.	1998	\$850,000
15	C	1E+05	3710014 Oceanside - City of	02	Design and construction of replacement water lines in Areas 1 and 13 to increase size upgrade materials.	1999	\$1,300,000
15	C	1E+05	3710014 Oceanside - City of	01	Construction of a 6.3 MGD desalting facility using RO.	1998	\$7,500,000
15	C	1E+05	3710014 Oceanside - City of	04	Galbar St. water line is the solution to alleviate low pressure problems and reduce the need for a pump station.	1998	\$500,000
15	C	2E+05	1910036 CAL. WATER SERVICE CO.-EAST L.A.	05	REPLACEMENT OF THE 0.4MG TANK WITH A 1.5 MG RESERVOIR (RESERVOIR 1B).	1998	\$510,000
15	C	2E+05	1910036 CAL. WATER SERVICE CO.-EAST L.A.	06	DRILL A NEW HIGH CAPACITY WELL FROM DEEPER AQUIFER	1999	\$350,000
15	C	2E+05	1910036 CAL. WATER SERVICE CO.-EAST L.A.	02	CONSTRUCT A TREATMENT AND/OR BLENDING FACILITY	2001	\$1,200,000
15	C	2E+05	1910036 CAL. WATER SERVICE CO.-EAST L.A.	04	CONSTRUCT A TREATMENT AND/OR BLENDING FACILITY	2000	\$1,200,000
15	C	2E+05	1910036 CAL. WATER SERVICE CO.-EAST L.A.	07	INSTALL GAC TREATMENT VESSEL	1998	\$100,000
15	C	2E+05	1910036 CAL. WATER SERVICE CO.-EAST L.A.	01	CONSTRUCT A TREATMENT AND/OR BLENDING FACILITY	2002	\$1,200,000
15	C	5E+05	1010007 FRESNO, CITY OF	03	CONSTRUCTION OF NEW MAINS AND TRANSFER OF SERVICES TO NEW MAINS.	1998	\$574,600
15	P	30	2900601 SILVER SPRINGS HIGH SCHOOL	01	New well filtration system and storage tank.	1998	\$19,000
15	P	45	4500063 Cedar Creek Mobile Home Park	01	Drill two wells and install pressure tanks and distribution lines to provide the reliability required by the Waterworks Standards.	1998	\$15,000
15	P	100	2702317 Mission School Water System	01	General system upgrade.	1998	\$15,000
15	P	100	1400102 LAWS TOWN WATER SYSTEM	01	Construct new well	1999	\$150,000
15	P	100	1400102 LAWS TOWN WATER SYSTEM	02	Replace mainline	2000	\$30,000
15	P	120	1710800 CDF-Konocti Conservation Camp	01	Replace distribution system, isolate irrigation system for wastewater and replace hydrants.	1998	\$68,000



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Bonus	Type	Pop	System # and Name		Pre-App	Project Description	FY	Cost
15	P	130	1400019	ROUND VALLEY SCHOOL	02	Construct new well	1999	\$12,000
15	P	175	4500169	Cedar Creek Elementary School	01	Improve spring or drill a new well to provide the reliability required by the Waterworks Standards.	1998	\$60,000
15	P	200	2400110	MERCED COUNTY HOUSING AUTHORITY/ATW	01	Construct treatment system	2000	\$75,000
15	P	200	3700953	TECATE VISTA MUTUAL WATER CO	01	Repair and replace existing deteriorating piping.	1998	\$10,000
15	P	240	1000315	CLAY JOINT ELEMENTARY SCHOOL	01	DRILL A NEW WELL AND EQUIPT. OTHER - DESIGN AND CONSTRUCTION	1998	\$200,000
15	P	1100	2000846	SIERRA VIEW SCHOOL	01	DEEPEN THE EXISTING WELL TO INCREASE ITS CAPACITY AND INSTALL A CHLORINATION SYSTEM.	1998	\$75,000
15	P	5100	3410706	Mather AFB - Main Base	05	Replace distribution system deficient valves and hydrants.	1998	\$175,000
15	P	5100	3410706	Mather AFB - Main Base	04	Retrofit for adequate backflow protection.	1998	\$230,000
15	P	5100	3410706	Mather AFB - Main Base	01	Perform an engineering study to identify replacement sources for wells abandoned because of contamination.	1998	\$50,000
15	P	5100	3410706	Mather AFB - Main Base	02	Replace undersized and aging distribution main.	1998	\$2,500,000
15	N	0	4300814	SCC Animal Shelter/Airport	01	Implement all recommendations of certified cross-connection control specialist's survey (included with pre-application).	1998	\$20,000
15	N	25	4000763	BUTTONWOOD INDUSTRIAL PARK	01	Drill new well	2002	\$30,000
15	N	46	5301004	Redding Odd Fellows Camp	01	Repair or replace storage tank roof. Repair leaks in filter system.	1999	\$12,000
15	N	50	2902364	MISSION BETHEL CHURCH	01	Construct additional well at 30 ft and install a storage tank.	1998	\$10,000
15	N	50	2701176	Soledad Mission WS	01	New well and pipes.	2000	\$10,000
15	N	60	5400896	FAR HORIZONS CAMP	03	Install a new 3" diameter water main	2000	\$20,000
15	N	60	5400896	FAR HORIZONS CAMP	01	Install a new 3" diameter water main	2000	\$20,000
15	N	60	5400896	FAR HORIZONS CAMP	02	Install a new 3" diameter water main	2000	\$20,000
15	N	180	5500171	REGIONAL LEARNING CENTER	01	INSTALL NEW TANKS AND HOOK-UP	1998	\$45,000
15	N	400	0900111	PIONEER SCHOOL WATER SYSTEM	01	Create additional source (another well). Install new holding tank and storage system. Involves design and construction.	1998	\$35,000
15	N	940	3200151	Layman Association	01	A three to five year program to replace piping and valves, as money is available.	1998	\$30,000
10		390	3410000	Courtland Site Water Well	02	Construction of new water well and pumping equipment. Involves design and construction.	1998	\$30,000
10		390	3410000	Courtland Site Water Well	01	Install 20,000 gallon storage tank.	1999	\$50,000
10	C	17	2700547	Ed's Water Company #2	02	The electrical panel, tanks, and some water lines all need to be replaced. The application says the project only involves design, but it seems like it would also involve construction.	1998	\$30,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
10	C	40	2700622 Outlook Water Association	01	Replace existing tanks with two concrete tanks and replace water mains, misc. plumbing, etc.	1998	\$24,773
10	C	45	3100019 NORTH EDEN VALLEY	01	Construct an additional well to 400 ft. Add additional 20,000 gallons of storage capacity.	1999	\$45,000
10	C	45	2800516 Tucker Acres Mutual Water Co.	01	Put in approximately 1,100 feet of new water line, sawing through road then patching, 3 shut-off valves, one blow-off valve, necessary permits	2000	\$60,000
10	C	50	1000260 SANDY CREEK VILLAGE	01	CONSTRUCT A NEW WELL AND UPGRADE THE DISTRIBUTION SYSTEM.	1998	\$15,000
10	C	50	2700624 Leafwood Road Water System #1	01	Replace storage tank with a steel tank. Possibly add a chlorination system.	1998	\$35,000
10	C	67	2700656 Moro Cojo Mutual Water Association	02	Storage tanks and wells need to be repaired and/or replaced.	1998	\$13,000
10	C	67	2700656 Moro Cojo Mutual Water Association	01	Purchase two 7500 gallon water tanks.	1998	\$9,278
10	C	72	5500353 SIERRA VILLAGE TRAILER PARK	01	CONSTRUCT AN ADDITIONAL WELL AND INSTALL A 20,000 GALLON STORAGE TANK.	1998	\$48,000
10	C	75	2700579 Elkhorn Road Water System #4	01	Replace pipes with new material which is up to standard.	1999	\$21,500
10	C	75	2700579 Elkhorn Road Water System #4	02	Replace tank.	1999	\$20,000
10	C	78	5700549 WILLOWBANK CSA	01	Install new well, new distribution system, and increase water supply and flow.	1998	\$600,000
10	C	85	5400934 ROSELLA WATER COMPANY	01	Replace 210,000 gallon storage tank	2001	\$150,000
10	C	85	5400934 ROSELLA WATER COMPANY	02	Replace 210,000 gallon storage tank	2001	\$150,000
10	C	85	5400934 ROSELLA WATER COMPANY	03	Replace 210,000 gallon storage tank	2001	\$150,000
10	C	100	2701034 Apple Street WS #2	01	Replace sections of the distribution system which may contain the contamination.	1999	\$50,000
10	C	112	3600123 HI DESERT MWC	01	Construct new hydro tank	1998	\$38,000
10	C	120	4500084 McArthur Mobile Home Park	01	Install additional well, storage tanks and pumps to provide the reliability required by the Waterworks Standards.	1998	\$50,000
10	C	130	2700612 Laguna Seca Water Company	01	Install disinfection equipment. Upgrade storage and distribution lines.	1998	\$55,000
10	C	130	0707624 WILLOW PASS MOBILE HOME PARK	01	New system, replace pipes, storage tank, pump, install filtration to improve water quality.	1998	\$200,000
10	C	150	1000063 NEW AUBERRY WATER ASSOCIATION	02	Replace circuits and service lines	2000	\$5,000
10	C	150	1000063 NEW AUBERRY WATER ASSOCIATION	03	Construct new storage tank	2000	\$50,000
10	C	150	1000063 NEW AUBERRY WATER ASSOCIATION	01	Construct Two new wells	2000	\$20,000
10	C	160	2000593 OAKHURST MOBILE HOME ESTATES	01	Install a backup power unit.	2000	\$800

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
10	C	180	0500021 SKY HIGH RANCH INC	01	REPLACE/REMEDiate DISTRIB8UTION SYSTEM. OTHER = STUDY, DESIGN AND CONSTRUCTION	1998	\$625,000
10	C	196	5500080 TWAIN HARTE VALLEY MWC	02	INSTALL 4,752 FEET OF 6 INCH DIAMETER PVC PIPELINES.	1999	\$35,640
10	C	200	4600019 Sierra Co. W.W.D #1, Calpine	01	Drill new well, construct new pumping station, and construct new storage tank (140,000 gallons). Replace old riveted steel pipe.	1998	\$275,000
10	C	225	2000551 MARINA VIEW HEIGHTS MAINT	01	INSTALL AN ADDITIONAL 100,000 GALLON STORAGE TANK.	1998	\$100,000
10	C	230	4400571 Davenport WS - County Sanitation Di	03	Construction of new mains.	1998	\$200,000
10	C	250	2210901 Coulterville CSA 1	02	INSTALL A PRESSURE SYSTEM FOR THE HIGHER ELEVATION CUSTOMERS AND INSTALL ALL NEW METERS AND VALVES.	1998	\$200,000
10	C	260	2701658 ARROYO SECO WATER SYSTEM #2	01	Replacement of distribution system facilities, e.g. pipes, valves	2000	\$30,000
10	C	260	2701658 ARROYO SECO WATER SYSTEM #2	02	Add about 40,000 gallons of storage	2000	\$30,000
10	C	280	2700706 Queens Motel WS	01	Consolidate with CWSC - King City.	1998	\$230,500
10	C	310	5500077 SLIDE INN SNOWBOWL WATER CO	01	Upgrade and replace existing pipelines and install new tank already purchased. OTHER-Refinance and Design	1998	\$125,000
10	C	350	5000017 PARK HEIGHTS MUTUAL WATER CO	01	REPLACE DISTRIBUTION SYSTEM AND UPGRADE WELL.	2000	\$400,000
10	C	490	2701676 San Lucas County Water System	03	Design and engineering of a new water tank.	1998	\$77,000
10	C	550	1800512 Clear Creek CSD	03	Construct 250,000 gallon storage tank. Install 8" and 6" water lines to replace existing 4" and 2" lines.	2000	\$250,000
10	C	600	5000005 CROWS LANDING WATER COMPANY	01	INSTALL NEW DISTRIBUTION LINES. OTHER = DESIGN AND CONSTRUCTION.	1999	\$500,000
10	C	600	2610003 BRIDGEPORT PUD	01	Construct new main, generator, and pumps	1999	\$250,000
10	C	630	0800555 Gasquet C.S.D.	06	Engineering for installing an additional 250,000 gallon storage tank.	1998	\$30,000
10	C	630	0800555 Gasquet C.S.D.	07	Add an additional 150 GPM pressure filter.	1998	\$38,000
10	C	630	0800555 Gasquet C.S.D.	08	Install additional 250,000 gallon water storage tank.	1999	\$195,000
10	C	630	0800555 Gasquet C.S.D.	02	Build distribution system to serve these residences filtered water.	1999	\$250,000
10	C	630	0800555 Gasquet C.S.D.	05	Purchase a 100 KW 3-phase generator.	1998	\$32,000
10	C	695	3600114 CO-CSA 70 W-3	01	Construct 5.25 miles of new mainline	1998	\$1,164,240
10	C	700	3600220 SAN BND0 CO CSA 42 - ORO GRANDE	01	Construct new second reservoir	1998	\$100,000
10	C	840	3600186 OAK SPRINGS VALLEY WC	01	Construct telemetry system	1998	\$50,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
10	C	960	3610030 MARIANA RANCHOS CWD	01	Replace mainline	2000	\$270,000
10	C	1000	1910031 CITY OF LANCASTER-BRIERWOOD MHP	01	Drill a new well or tap into an adjoining property;s Well. Consolidation: Possibly	1998	\$96,000
10	C	1000	3610111 Victoria Farms MWC	01	Replace pipelines	1998	\$400,000
10	C	1019	1210019 Hydesville Co. W.D.	01	1500 feet of 8-inch main to loop system and increase reliability.	1998	\$91,000
10	C	1019	1210019 Hydesville Co. W.D.	02	1200 feet of 12-inch main (flat) and 225 feet of main (upslope). New main will provide second route from source and increase reliability.	1999	\$118,000
10	C	1300	3610007 BASELINE GARDENS MWC	05	Replace pipelines	1998	\$600,000
10	C	1300	3610007 BASELINE GARDENS MWC	04	Drill new well	1998	\$300,000
10	C	1425	3210010 Hamilton Branch CSD	01	Replace 3" steam pipe with 6" C900 PVC pipe.	1998	\$200,000
10	C	1437	1210002 City of Blue Lake	02	Design and replace failing pumping facility; replace all failed valves in system; design and construct telemetry system and alarms.	2000	\$600,000
10	C	1500	0310009 AWA, Pine Acres #4	01	Replace the redwood tanks with steel tanks	2002	\$800,000
10	C	1500	5710007 Esparto Community Services Dis	01	Construct storage and booster facility, new well, and transmission mains. Involves design and construction.	1998	\$1,370,900
10	C	2100	1810002 Westwood CSD	01	Construct additional 500,000 gallon storage tank. Install generator unit, new pump/tank control system and water meters.	2000	\$500,000
10	C	2400	5510005 TWAIN HARTE COMMUNITY SERVICES DIST	02	INSTALL A 500,000 GALLON BOLTED TANK ON DISTRICT LOT IN LILAC TERRACE SUBDIVISION. OTHER - DESIGN AND CONSTRUCTION	1998	\$100,000
10	C	2400	5510005 TWAIN HARTE COMMUNITY SERVICES DIST	01	INSTALL NEW C-900 6" THROUGHOUT WITH NEW SERVICES AND FIRE HYDRANTS EVERY 500'. OTHER - DESIGN AND CONSTRUCTION.	1998	\$700,000
10	C	2500	0210001 Lake Alpine Water Company	02	CONSTRUCT WATER STORAGE TANK	1999	\$100,000
10	C	2600	3310019 Idyllwild WD	07	Evaluate alternatives and replace tank or construct new hydropneumatic pumping station.	1999	\$90,000
10	C	2600	3310019 Idyllwild WD	09	Construct 5,000 feet of 6" and 8" pipeline.	2000	\$180,000
10	C	2600	3310019 Idyllwild WD	11	Construct 5,000 feet of 6" and 8" pipeline.	2002	\$180,000
10	C	2600	3310019 Idyllwild WD	02	Construct 9,000 feet of 6" and 8" pipeline.	1998	\$324,000
10	C	2600	3310019 Idyllwild WD	01	Rehabilitate two existing wells and drill one new well.	1998	\$120,000
10	C	2600	3310019 Idyllwild WD	03	Regrade site and construct two 210,000 gallon steel tanks.	1998	\$245,000
10	C	2600	3310019 Idyllwild WD	06	Construct new diversion pipeline and pumping station. Construct new roof on forebay tank.	1999	\$120,000
10	C	2600	3310019 Idyllwild WD	05	Construct 5,000 feet of 6" and 8" pipeline.	1998	\$180,000
10	C	2600	3310019 Idyllwild WD	10	Construct 5,000 feet of 6" and 8" pipeline.	2001	\$180,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
10	C	2699	3310079 Elsinore WD - Lakeland	02	Design and construct new steel tank to meet WW standards and increase system reliability.	1998	\$250,000
10	C	2699	3310079 Elsinore WD - Lakeland	01	Design and construct new well with pump and appurtenances to meet the Waterwork Standards, increase system reliability and provide replacement water supply.	1998	\$350,000
10	C	2699	3310079 Elsinore WD - Lakeland	03	Design and construct 50,000' of new watermain to meet the WW standards and increase system reliability. Project can be phased by priority over 3 years.	1999	\$3,375,000
10	C	2700	5510008 LAKE DON PEDRO C S D	04	INSTALL BLOWOFFS ON DEADENDS.	1998	\$63,750
10	C	3200	2310007 North Gualala Water Company	01	Replace mains, services, create new circulating loops, replace storage tanks, filter plant and generator.	1998	\$1,500,000
10	C	3300	4810004 City of Rio Vista	01	Replace 8" transmission line approximately 2 miles.	1998	\$1,500,000
10	C	3300	4810004 City of Rio Vista	02	replace deteriorated mains and appurtenances.	1998	\$2,000,000
10	C	3589	5010008 Hughson, City of	01	REPLACE A FOUR INCH WATER MAIN WITH A TWELVE INCH MAIN. OTHER = DESIGN AND CONSTRUCTION	1998	\$500,000
10	C	3600	0310003 Amador County Water Agency-Sutter Creek	02	REPLACE THE WATER MAIN. OTHER = DESIGN AND CONSTRUCTION	2001	\$85,000
10	C	4200	0510009 Blue Lake Springs Mut Wtr	01	REPLACE UNDERSIZED MAINS WITH NEW, LARGER MAINS	1999	\$4,000,000
10	C	4800	2810002 Calistoga, City of	04	Find available water and purchase.	1998	\$1,000,000
10	C	4800	2810002 Calistoga, City of	03	Site development and construction of new 1 MG storage tank and transmission main.	1998	\$2,000,000
10	C	4800	2810002 Calistoga, City of	05	Purchase or lease dredging equipment and dredge reservoir over 2 to 3 year summer periods.	1999	\$1,000,000
10	C	5000	2710018 City of Seaside	03	Resurface inside of tanks.	2000	\$100,000
10	C	5000	2710018 City of Seaside	02	Replace tops of tanks.	2000	\$150,000
10	C	6600	3610015 CRESTLINE VILLAGE CWD - DIVISION 10	01	Construct four new storage reservoirs for a total of 3.35 MG to meet ww stds.	1998	\$2,700,000
10	C	7000	3610008 BIG BEAR CITY CSD	04	Construct new well	1999	\$250,000
10	C	7000	3610008 BIG BEAR CITY CSD	03	Construct new well	1998	\$225,000
10	C	7000	3610008 BIG BEAR CITY CSD	02	Study potential sources of contamination	1999	\$100,000
10	C	7000	3610008 BIG BEAR CITY CSD	01	Construct new transmission main	2000	\$225,000
10	C	7929	3310017 South Mesa WC	01	Replace reservoir with steel tank or rebuild reservoir walls.	1998	\$500,000
10	C	8150	3010078 Southern Calif WC -Cowan Hgts	01	Install chlorination turnouts at 6MWD connections	1998	\$90,000
10	C	12000	1510018 ROSAMOND CSD	02	BUILD INFRASTRUCTURE TO EACH OF THESE AREAS, REPLACE EXISTING SUB-STANDARD FACILITIES AND CONNECT TO RCSD SYSTEM	1998	\$1,000,000
10	C	15000	5010014 Oakdale, City of	01	REPLACE 2" AND 4" MAINS WITH 8", 10" AND 12" PIPE. OTHER = DESIGN AND CONSTRUCTION	1998	10,000,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
10	C	15130	1910223 SCWC - SOUTH SAN GABRIEL	01	REPLACE UNDERSIZED MAINS OVER A 2 YEAR PERIOD	1998	\$350,000
10	C	18500	1510022 WEST KERN CWD	01	REPLACE 30" PIPELINE WITH 36" PIPELINE	1998	\$5,925,397
10	C	27700	4110003 City of Burlingame	01	Contract an 8 mile pipe line connecting the 3 cities to the Harry Tracy WTP. Combine storage form 12 MG to 23 MG. Storage capacity would meet DOHS -8 - hour demand requirement.	1998	15,000,000
10	C	27726	3610043 SO CA WATER CO - BARSTOW	01	Replace mainline	1998	\$100,000
10	C	43000	3610014 CITY OF COLTON	11	Replace and resize lines	1998	\$800,000
10	C	43000	3610014 CITY OF COLTON	08	Construct 2 MG reservoir	1998	\$2,025,000
10	C	43000	3610014 CITY OF COLTON	10	Replace 38k ft of line	1998	\$2,790,000
10	C	43000	3610014 CITY OF COLTON	09	Construct 3 MG reservoir, transmission lines	1998	\$2,775,000
10	C	49000	3610052 VICTOR VALLEY WATER DISTRICT	01	Construct needed facilities to ensure compliance with Waterworks Standards.	1998	\$2,900,000
10	C	1E+05	3710006 Escondido - City of	06	Rehabilitate reservoir rather than new. Replace inlet/outlet lines.	1998	\$750,000
10	C	1E+05	3710006 Escondido - City of	02	Design and construct replacement	1998	\$1,750,000
10	C	1E+05	3710006 Escondido - City of	01	Design and construct new 24" transmission main to reservoir.	1999	\$2,750,000
10	C	1E+05	3710006 Escondido - City of	05	Construct new reservoir (3 MG) and pipelines and booster PS.	1998	\$3,100,000
10	C	1E+05	1910051 INGLEWOOD- CITY, WATER DEPT.	01	DEMOLISH THE EXISTING RESERVOIR AND RECONSTRUCT THREE 5.3 MG PRESTRESSED CONCRETE RESERVOIRS.	1998	10,000,000
10	C	2E+05	1910155 SCWC - SOUTHWEST	06	INSTALL CHLORINATION TURNOUTS AT 12 MWD CONNECTIONS	1998	\$180,000
10	C	2E+05	1910155 SCWC - SOUTHWEST	01	REPLACE WATER MAINS IN CRITICAL AREAS.	1998	\$3,575,000
10	C	2E+05	1910155 SCWC - SOUTHWEST	14	EQUIP THE WELL, INSTALL REMOVAL TREATMENT OR DRILL A NEW WELL AT A DIFFERENT SITE	1998	\$1,100,000
10	C	2E+05	1910155 SCWC - SOUTHWEST	08	INSTALL REMOVAL TREATMENT OR DRILL A NEW WELL AT A DIFFERENT SITE	1998	\$1,100,000
10	C	2E+05	1910155 SCWC - SOUTHWEST	05	CONSTRUCT A NEW WELL IN A UNCONTAMINATED AQUIFER	1998	\$1,000,000
10	C	2E+05	1910155 SCWC - SOUTHWEST	07	CEMENT LINING WATER MAINS IN CRITICAL AREAS	1998	\$1,000,000
10	C	3E+05	3310009 EASTERN MWD	24	Develop an annual program for replacements of these pipeline and valves.	2000	\$500,000
10	C	3E+05	3310009 EASTERN MWD	48	Replace existing CML&C pipeline with PVC and where necessary upgrade undersized pipe.	1999	\$360,000
10	C	3E+05	3310009 EASTERN MWD	22	Develop an annual program for replacements of these pipeline and valves.	1998	\$500,000
10	C	3E+05	3310009 EASTERN MWD	23	Develop an annual program for replacements of these pipeline and valves.	1999	\$500,000
10	C	3E+05	3310009 EASTERN MWD	28	Replace existing CML&C pipeline with PVC and where necessary upgrade undersized pipe.	1998	\$936,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
10	C	3E+05	3310009 EASTERN MWD	29	Install cathodic protection and bond all pipe joints.	1998	\$778,600
10	C	3E+05	3310009 EASTERN MWD	01	Study and upgrade the distribution system and investigate the feasibility of reactivating the nitrate wellhead treatment system. Install proper controls and upgrade piping and instrumentation.	1998	\$1,000,000
10	C	3E+05	3310009 EASTERN MWD	26	Develop an annual program for replacements of these pipeline and valves.	2002	\$500,000
10	C	3E+05	3310009 EASTERN MWD	49	Replace these CML&C pipes with PVC and where necessary upgrade undersized pipe.	1999	\$172,000
10	C	3E+05	3310009 EASTERN MWD	35	Replace existing CML&C pipeline with PVC and where necessary upgrade undersized pipe.	1998	\$911,000
10	C	3E+05	3310009 EASTERN MWD	34	Replace existing CML&C pipeline with PVC and where necessary upgrade undersized pipe.	1998	\$710,000
10	C	3E+05	3310009 EASTERN MWD	33	Replace existing CML&C pipeline with PVC and where necessary upgrade undersized pipe.	1998	\$381,000
10	C	3E+05	3310009 EASTERN MWD	50	Replace leaky section of CML&C pipe with PVC.	1999	\$1,020,000
10	C	3E+05	3310009 EASTERN MWD	31	Install cathodic protection on this pipeline.	1998	\$123,000
10	C	3E+05	3310009 EASTERN MWD	30	Replace existing CML&C pipeline with PVC and where necessary upgrade undersized pipe.	1998	\$991,000
10	C	3E+05	3310009 EASTERN MWD	32	Replace existing CML&C pipeline with PVC and where necessary upgrade undersized pipe.	1998	\$296,000
10	C	3E+05	3310009 EASTERN MWD	12	Develop an annual program to interconnect these two systems, provide looping where possible, and reduce dead-end pipelines.	2002	\$500,000
10	C	3E+05	3310009 EASTERN MWD	25	Develop an annual program for replacements of these pipeline and valves.	2001	\$500,000
10	C	3E+05	3310009 EASTERN MWD	08	Develop an annual program to interconnect these two systems, provide looping where possible, and reduce dead-end pipelines.	1998	\$500,000
10	C	3E+05	3310009 EASTERN MWD	15	Construct a 3.4 MG finished water tank.	1998	\$2,730,800
10	C	3E+05	3310009 EASTERN MWD	09	Develop an annual program to interconnect these two systems, provide looping where possible, and reduce dead-end pipelines.	1999	\$500,000
10	C	3E+05	3310009 EASTERN MWD	07	Construct a 1.0 MG finished water tank.	1998	\$500,000
10	C	3E+05	3310009 EASTERN MWD	27	Replace existing CML&C pipeline with PVC and where necessary upgrade undersized pipe.	1998	\$630,000
10	C	3E+05	3310009 EASTERN MWD	10	Develop an annual program to interconnect these two systems, provide looping where possible, and reduce dead-end pipelines.	2000	\$500,000
10	C	3E+05	3310009 EASTERN MWD	11	Develop an annual program to interconnect these two systems, provide looping where possible, and reduce dead-end pipelines.	2001	\$500,000
10	C	4E+05	3410020 Sacramento, City of	13	Provide new treated water pump station and connecting piping. Involves design and construction.	1998	20,000,000
10	C	4E+05	3410020 Sacramento, City of	22	Isolate South Sac as single pressure zone. Modify Florin Reservoir Pump Station to increase discharge head. Construct groundwater well to help supply peak demand. Involves refinancing and construction.	1998	\$306,000
10	C	4E+05	3410020 Sacramento, City of	16	Repair cracks and place a concrete coating on the slab and wall surfaces.	1998	\$500,000
10	C	4E+05	3410020 Sacramento, City of	15	Provide additional standby power by installing a new engine-generator. Involves refinancing, design and construction.	1998	\$100,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
10	C	4E+05	3410020 Sacramento, City of	07	Install a new engine-generator for additional standby power. Involves refinance, design and construction.	1998	\$100,000
10	C	4E+05	3410020 Sacramento, City of	14	Install a new 60-inch steel interconnecting pipe. Involves refinancing and construction.	1998	\$100,000
10	C	4E+05	3410020 Sacramento, City of	03	Conduct a cross-connection program survey. Data will be used to establish a priority list for backflow assembly.	1998	\$131,500
10	P	80	5200532 Manton School	01	Build a storage tank of about 30,000 gallons, and add new pipe for school.	2000	\$10,000
10	P	100	0909004 Gold Beach Park	01	Needs second well and additonal storage to meet demands reliably.	1998	\$0
10	P	117	4500181 Whitmore Elementary School	01	Install 125 gallon bladder tank on a steel frame to provide the pressure required by the Waterworks Standards.	1998	\$980
10	P	142	5500107 SHAWS FLAT ELEMENTARY SCHOOL	01	CONSTRUCT A NEW WELL AND INSTALL A 15,000 GALLON STORAGE TANK.	1998	\$45,000
10	P	300	3410999 Walnut Grove School Water	01	Install storage tank to increase storage capacity.	1999	\$50,000
10	P	350	5700510 DELTA HIGH	01	Intstall 20,000 gallon storage tank. Involves design and construction.	1998	\$35,000
10	P	400	4100513 PESCADERO HIGH SCHOOL	01	Feasibility study to consolidate with CSA 311 San Mateo County.	1998	\$15,000
10	P	400	5700509 CLARKSBURG ELEMENTARY SCHOOL	01	Install 20,000 gallon tank.	1999	\$33,000
10	N	0	2710301 CSP - Andrew Molera State Reserve	01	Dig up and relocate existing line away from river bank. Install monitoring equipment to improve inspection of the system.	1998	\$12,000
10	N	25	2702254 Pacific Valley School WS	01	Need to install new well, storage tank, and pipes.	1998	\$30,000
10	N	50	2702268 Immaculate Heart Hermitage-New Cama	01	Construction of 3 new tanks.	1998	\$12,000
10	N	135	1000056 MEADOW LAKES CLUB	01	INSTALL A NEW TRANSMISSION LINE.	1999	\$100,000
10	N	185	3301025 AZALEA TRAILS GIRL SCOUT CAMP	01	Would like to construct a 20,000 to 40,000 gallon storage tank and replace approximately 2000' of 4-inch line and approximately 3000 of 2-inch line.	1999	\$100,000
10	N	200	4901207 Sonoma County Parks-Stillwater Cove	01	Replace well, distribution lines, water pumps, chlorinator and tanks.	1999	\$125,000
10	N	500	2700999 Oak Park	04	Replace existing potable distribution system with adequate separation.	2000	\$40,000
10	N	500	2700999 Oak Park	01	Install pressure system and replace aging water mains.	1998	\$50,000
10	N	911	2710302 CSP - J.P. Burns Park	01	Replace and relocate tanks. Install security fence and monitoring equipment.	1998	\$24,000
10	N	2000	1502223 WILLOW SPRINGS RACEWAY	01	Bring electricity to water systems to replace generators	1998	00,000,000
5	C	0	3710042 San Diego Water Authority	03	Design and construction of a pump station and 12 mile pipeline from San Vicente Reservoir to the second aqueduct.	1998	46,600,000
5	C	0	3710042 San Diego Water Authority	02	A 3.8 mile pipeline and pump station from the Olivenhain Reservoir to the San Diego County Water Authority's second aqueduct	1998	23,300,000



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Bonus	Type	Pop	System # and Name		Pre-App	Project Description	FY	Cost
5	C	17	2700842	Baumann Road WS #1	01	Replace holding tank, construct new line to the pump, and replace pressure tank.	1999	\$4,500
5	C	29	2700766	Strawberry WS #6	01	Replace holding tank and remove existing tank.	1998	\$12,240
5	C	29	2700766	Strawberry WS #6	02	Replace existing tank or tanks with new tank and new cement pad.	2000	\$12,000
5	C	32	2701278	Rancho Chapparral Water Co.	03	Conduct assessment to determine storage requirements, and design/construct tank, pump, fittings, and plumbing	2000	\$50,000
5	C	35	1900801	COLORADO MUTUAL WATER CO.	01	UPDATE PUMP TO A 10 HP PUMP AND INSTALL AN AIR PRESSURE PUMP AND VARIOUS ELECTRICAL TO ACCOMMODATE CHANGE	1998	\$4,000
5	C	35	2900526	LAKE COMBIE MOBILE HOME PARK	01	Connect to NID's treated water line adjacent to property.	1998	\$65,000
5	C	50	0900202	CHILI BAR WATER SYS	01	Find additional backup source and improve quality of present system. Involves study, design and construction.	1998	\$160,000
5	C	59	2300606	Lake View Water Co.	02	Install readily accessible shut-off valves so system components can be isolated.	1998	\$3,500
5	C	60	3301209	DESERT VIEW TRAILER PARK	01	None listed	1998	\$0
5	C	65	1500489	BRITE LAKE COMMUNITY ASSOCIATION	01	Replace 2000-3000 ft. of water line. Replace pump and well system	1998	\$30,000
5	C	66	2700634	Chetmoore Acres Water System	01	Install new water mains and two new 20,000 gallon storage tanks	1998	\$50,000
5	C	70	2600532	LUNDY MUTUAL WATER COMPANY 1	01	Refinance loan, construct new tank and well, purchase generator and other equipment	1999	\$500,000
5	C	75	2000851	SUNSET RIDGE ESTATES	01	INSTALL A NEW WELL, 50,000 GALLON STORAGE TANK, AND DISTRIBUTION SYSTEM.	1998	\$200,000
5	C	80	2300608	Bel Arbres Mutual Water Company	02	Install clean out valve and two shut-off valves.	1998	\$4,000
5	C	80	2300608	Bel Arbres Mutual Water Company	03	Install 18 backflow devices.	1998	\$10,000
5	C	80	2300608	Bel Arbres Mutual Water Company	01	Install 10,000 gal tank with ozone purifier and additional booster pump.	1999	\$15,000
5	C	100	4900843	Barts Mutual Water Company	01	Drill new well. Install new storage tank. Upgrade existing tanks or main pipeline. Upgrade existing controls and valves. Construct control station facility and chlorination system.	1998	\$723,000
5	C	109	2700787	VEGA ROAD WATER SYSTEM #1	01	Construct new water tank and associated appurtenances.	2000	\$175,000
5	C	120	3900504	CLEMENTS WATER WORKS	01	DRILL SECOND WELL AND INSTALL AUXILIARY POWER. OTHER = DESIGN AND CONSTRUCTION	1998	\$450,000
5	C	120	2701040	McCoy Road Water System #5	01	Install tanks holding approx. 30,000 gallons and new pumping station. Install main lines from holding tanks with fire hydrants on new distribution lines.	1998	\$150,000
5	C	130	0707624	WILLOW PASS MOBILE HOME PARK	02	Install filtration system and new piping.	2000	\$200,000
5	C	150	1900147	MESCAL CREEK WATER INC.	03	INSTALL NEW LINES.	2000	\$350,000
5	C	150	1900529	CAMP WILLIAMS	01	RETAIN SERVICES OF REQUIRED PERSONNEL TO DO REPAIRS.	1998	\$6,874

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
5	C	150	4900791 Western Mobile Home Park	01	Run 2 inch line with 3/4 inch lateral to each of the 5 homes affected.	1998	\$10,000
5	C	155	0310019 AWA La Mel Heights #3	01	DRILL A SECOND WELL AND REPLACE THE TANK WITH A LARGER, NEW ONE. OTHER = DESIGN AND CONSTRUCTION.	2002	\$175,000
5	C	170	2701257 Garrapata Water System #1	01	Install new piping (supported in areas with steel beams in concrete), fencing, pumps, meters, storage tanks, and a new well.	1998	\$124,900
5	C	191	4400542 Rolling Woods MWC	01	Replace water line.	1998	\$12,500
5	C	200	2210924 Yosemite West Water System	01	CONSTRUCT A NEW WELL AND BACKUP GENERATOR, INSTALL AN EMERGENCY CHLORINATION SYSTEM, AND MAKE VARIOUS DISTRIBUTION SYSTEM IMPROVEMENTS.	1998	\$670,000
5	C	212	0600011 Walnut Ranch Water Company	01	Construct additional water source and pipeline appurtenances.	1998	\$150,000
5	C	225	5601104 CASITAS MUTUAL WATER COMPANY	01	Design to solve problem, increase pumping ability (psi), replace old lines & interconnect to form grids and loops.	1998	\$150,000
5	C	245	0707577 RIVER VIEW WATER ASSN	01	Drilling deeper well and installing newer pump.	2000	\$10,000
5	C	300	3500509 Tres Pinos CWD	01	Drill new well. Construct new pipe line. Add 500,000 gallon tank and other new equipment. Need funds for design and construction.	1998	\$1,000,000
5	C	300	1200671 Benbow Water Co.	01	Construct 250,000 gallon welded steel tank to provide adequate storage.	1998	\$175,000
5	C	450	4900570 Palomino Lakes Mutual Water Co.	01	Construct new 100,00 or 150,00 gal tank.	1998	\$85,000
5	C	800	5601117 SENIOR CANYON MUTUAL WATER CO	05	Replace line from tank to distribution system.	1998	\$96,090
5	C	855	0310021 Amador County Service Area #3/Unit	02	DEVELOP A SURFACE WATER SUPPLY AND CONSOLIDATE SYSTEM 0310021 WITH 0310008. OTHER = DESIGN AND CONSTRUCTION	1998	\$2,050,000
5	C	855	0310021 Amador County Service Area #3/Unit	01	BUILD AND CONNECT TO REGIONAL SURFACE WATER TREATMENT PLANT. OTHER = DESIGN AND CONSTRUCTION.	1998	\$2,100,000
5	C	965	2010011 MADERA CO SA #1-INDIAN LAKES	01	INSTALL A NEW WELL AND A 750,000 GALLON STORAGE TANK.	1998	\$300,000
5	C	1000	3610110 ARROWBEAR PARK CWD	01	Replace mainline to WW stds.	1999	\$150,000
5	C	1000	0410003 Durham Irrigation District	01	Replace water mains and increase capacity of new well.	1998	\$180,000
5	C	1000	4410009 Paradise Park Masonic Club	01	Replace entire water system. Need funds for design and construction.	1999	\$2,000,000
5	C	1200	3710041 MAJESTIC PINES CSD	01	See attachment	1998	\$0
5	C	1200	3700909 Julian Community Services District	01	Replace with updated modern equipment	1999	\$150,000
5	C	1300	4010006 PASO ROBLES BEACH WATER ASSN	01	Build new tank and replace mains.	1998	\$650,000
5	C	1500	1910012 BELLFLOWER HOME GARDENS WC	01	Design and construction of a replacement well.	1998	\$150,000
5	C	1650	1910035 KINNELOA IRRIGATION DIST.	01	Relocate 8" transmission line to New York Drive, attaching line to bridge.	1998	\$150,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
5	C	1650	1910035 KINNELOA IRRIGATION DIST.	07	Design and construct one larger concrete reservoir.	2000	\$400,000
5	C	2200	1510002 BORON COMMUNITY SERV DIST	02	1/2 MILE OF 4" C900 WATERMAIN FROM WATER TANK TO CHERRYHILL - TO OPERATE WELLS DURING OFF PEAK ENERGY HOURS.	1999	\$100,000
5	C	3000	2310008 Redwood Valley County Water Distric	01	Construct a 400,000 gal treated water storage tank.	1998	\$455,000
5	C	3000	2310008 Redwood Valley County Water Distric	04	Replace a 40 HP pressurization pump with a 60 HP pump to increase plant capacity from 1.5 MGD to 2.23 MGD.	1998	\$15,000
5	C	3000	2310008 Redwood Valley County Water Distric	02	Construct a 500,000 gal treated water storage tank.	1998	\$365,000
5	C	3000	2310008 Redwood Valley County Water Distric	03	Install 2100 LF of 8 inch main line to loop system and provide improved service characteristics.	1998	\$130,000
5	C	3204	3910017 San Joaquin County-Mokelumne Acres	02	ADD WATER LINES TO LOOP ENTIRE SYSTEM. (SAYS CONSOLIDATION, BUT DOES NOT SEEM POSSIBLE.) OTHER = DESIGN AND CONSTRUCTION.	1998	\$400,000
5	C	4807	3610062 RUNNING SPRINGS WATER DISTRICT	07	Replace 2800 ft of main	1999	\$168,000
5	C	4807	3610062 RUNNING SPRINGS WATER DISTRICT	08	Replace 2770 ft of main	2000	\$166,200
5	C	4807	3610062 RUNNING SPRINGS WATER DISTRICT	09	Replace 3050 ft of main	2001	\$183,000
5	C	4807	3610062 RUNNING SPRINGS WATER DISTRICT	10	Replace 2250 ft of main	2002	\$135,000
5	C	4807	3610062 RUNNING SPRINGS WATER DISTRICT	06	Replace 4450 ft of main	1998	\$267,000
5	C	5160	1510045 GOLDEN HILLS CSD	01	Tie the Golden Hills and City of Tehachapi water systems together. Other - Design/Construction	1998	\$175,000
5	C	5160	1510045 GOLDEN HILLS CSD	05	Construct a 1mg storage tank. Other - Design/Construction	1998	\$500,000
5	C	5160	1510045 GOLDEN HILLS CSD	02	Construct 4 new wells. Other - Design/Construction	1998	\$400,000
5	C	5160	1510045 GOLDEN HILLS CSD	04	Develop and construct a system of wells in our nonadjudicated area, while continuing to increase our water rights. Other - Design/Construction	1998	\$800,000
5	C	5520	3010070 Southern Calif WC - Yorba Linda	01	Study design and construct a new Surface Water Treatment plant to utilize the MWD raw water connection in close proximity to the plant site.	1998	\$2,000,000
5	C	5700	1910165 VALLEY VIEW MUTUAL WATER CO.	01	Low pressure on the old main lines, possible storage tanks installation plus a chlorination system.	1999	\$500,000
5	C	6400	1310006 Imperial - City of	04	Start program to replace obsolete mains and valves	1998	\$500,000
5	C	6400	1310006 Imperial - City of	03	Install and replace with properly sized water mains.	1998	\$600,000
5	C	6650	1510020 TEHACHAPI, CITY OF	02	INSTALL EMERGENCY GENERATOR - PINION WELL	1998	\$47,000
5	C	6650	1510020 TEHACHAPI, CITY OF	03	REPLACEMENT OF FAILING SERVICE LINES	1998	\$1,647,500

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
5	C	6650	1510020 TEHACHAPI, CITY OF	04	INSTALL SECONDARY BOOSTER PUMP	1998	\$30,000
5	C	6650	1510020 TEHACHAPI, CITY OF	01	INSTALL 250,000 GALLON HOLDING TANK. OTHER - DESIGN AND CONSTRUCTION	1998	\$180,000
5	C	6650	1510020 TEHACHAPI, CITY OF	05	INSTALL 2,000' OF 10" PIPE FROM PINION WELL TO CURRY STREET STORAGE TANK. OTHER - DESIGN AND CONSTRUCTION.	1998	\$66,400
5	C	6796	3410003 Southern CA Water Co - Arden Water	01	Install automation and telemetry.	1998	\$20,000
5	C	8000	4010026 NIPOMO COMM SERVICES DIST	02	Construct approx. 5500 feet of new water lines to enhance water flow and energy savings.	2000	\$375,000
5	C	8000	4010026 NIPOMO COMM SERVICES DIST	01	Drill a new well, construct a new transmission line to a new water storage facility	1998	\$1,500,000
5	C	8735	3910015 City of Lathrop	01	Replace network with larger diameter mains.	2000	\$4,500,000
5	C	11500	3110005 Placer CWA - Auburn/Bowman	01	Install standby diesel generator. Involves design and construction.	1999	\$200,000
5	C	12994	5610002 FILLMORE WATER DEPT	03	Create new pressure zone so that minimum pressure would be 40 psi and tanks could be exercised daily.	1998	\$745,000
5	C	14000	0710002 Bay Point-Southern California Water	06	Replace existing roof with an aluminum roof to comply with DOHS standards.	1998	\$90,000
5	C	14000	0710002 Bay Point-Southern California Water	04	Replace 500' of 2" OD steel water main.	1998	\$35,000
5	C	14750	3410018 Rio Linda Water District	02	Construct 500,000 gallon water storage tank. Involves design and construction.	1998	\$450,000
5	C	14750	3410018 Rio Linda Water District	01	Construct a 500,000 gallon water storage tank. Involves design and construction.	1998	\$450,000
5	C	20000	4910013 Valley of the Moon Water District	08	New distribution pipelines.	2001	\$800,000
5	C	20000	4910013 Valley of the Moon Water District	05	Install new storage tank and booster pumps (Crest area).	1998	\$600,000
5	C	20000	4910013 Valley of the Moon Water District	07	New distribution pipelines.	2000	\$550,000
5	C	20000	4910013 Valley of the Moon Water District	03	Construct new storage tank (Sobre Vista area).	1998	\$250,000
5	C	20000	4910013 Valley of the Moon Water District	04	Install new larger lines and booster pumps.	1998	\$1,800,000
5	C	20000	4910013 Valley of the Moon Water District	06	Install Booster pumps and transmission/distribution pipelines.	1999	\$550,000
5	C	22000	5610009 PORT HUENEME WATER DEPT	06	Replace two cast iron water mains with PVC C900.	2000	\$30,000
5	C	22000	5610009 PORT HUENEME WATER DEPT	01	Install ten water mains to replace the undersized 4,6 & 8 -inch water mains.	1999	\$535,000
5	C	22000	5610009 PORT HUENEME WATER DEPT	03	Install two water mains to close the distribution loops and interconnect the distribution system which will decrease the detention time to help avoid nitrification problems.	1998	\$30,000
5	C	22000	5610009 PORT HUENEME WATER DEPT	04	Install emergency gas chlorination disinfection facilities for the two wells.	1998	\$20,000
5	C	23888	1910143 SAN FERNANDO-CITY, WATER DEPT.	04	Upgrade to a computerized telemetry system. Project involves: Study, Design, and Construction	2000	\$180,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
5	C	23888	1910143 SAN FERNANDO-CITY, WATER DEPT.	01	Replace the 1.0 million gallon system storage Reservoir No. 4. Project involves: Design to solve problem, and Construction	2000	\$2,500,000
5	C	23888	1910143 SAN FERNANDO-CITY, WATER DEPT.	02	Design and replace approximately 1.75 miles of 18-inch water transmission lines.	1999	\$1,100,000
5	C	25098	3010041 City of Seal Beach	01	Replace water lines with pvc and resilient wedge gate valves.	1999	\$1,428,000
5	C	25098	3010041 City of Seal Beach	02	Upgrade 4 well sites using containment or on site chlorination.	1998	\$300,000
5	C	38700	3410004 Carmichael Water District	06	Install vents, paint and coat reservoir.	1998	\$600,000
5	C	38700	3410004 Carmichael Water District	02	Replace 35 miles of water main. Involves design and construction.	1999	17,000,000
5	C	41840	3410015 Southern CA Water Co - Cordova Wate	01	Install automation and telemetry at Kilgor and El Segundo Wells.	1998	\$20,000
5	C	45000	3610029 MONTE VISTA CWD	03	Recharge basin with low nitrate water using injection wells	1998	\$700,000
5	C	45000	3610029 MONTE VISTA CWD	07	Replace mainline Phase I	1998	\$410,000
5	C	45000	3610029 MONTE VISTA CWD	08	Replace mainline Phase II	1999	\$2,200,000
5	C	45000	3610029 MONTE VISTA CWD	09	Replace mainline Phase III	2000	\$2,200,000
5	C	45000	3610029 MONTE VISTA CWD	02	Recharge basin with low nitrate water using injection wells	1999	\$700,000
5	C	45000	3610029 MONTE VISTA CWD	04	Construct Plant 17 blending station	1998	\$276,000
5	C	45000	3610029 MONTE VISTA CWD	05	Construct Plant 4 blending station	1998	\$62,000
5	C	45000	3610029 MONTE VISTA CWD	11	Replace mainline Phase V	2002	\$2,200,000
5	C	45000	3610029 MONTE VISTA CWD	01	Recharge basin with low nitrate water using injection wells	1998	\$920,000
5	C	45000	3610029 MONTE VISTA CWD	10	Replace mainline Phase IV	2001	\$2,200,000
5	C	57000	1910092 MONTEREY PARK-CITY, WATER DEPT.	02	Build 3 reservoirs (total 8.7 million gallons) in 3 different pressure zones.	1998	\$7,600,000
5	C	57000	1910092 MONTEREY PARK-CITY, WATER DEPT.	03	Install SCADA system. Project involves: Design to solve problem and Construction	1998	\$935,000
5	C	57000	1910092 MONTEREY PARK-CITY, WATER DEPT.	01	Install 3 generators to partially operate system when primary power gone.	1998	\$670,000
5	C	63000	1910206 BELLFLOWER-CITY, WATER DEPT.	02	IMPLEMENT MASTER PLAN'S PHASE II RECOMMEDATIONS INCLUDING 9.7 MG RESERVOIR STORAGE AND CONNECTION TO MWDSC.	1999	\$6,200,000
5	C	63000	1910206 BELLFLOWER-CITY, WATER DEPT.	01	IMPLEMENT MASTER PLAN'S PHASE I INCLUDING 6.0 MG RESERVOIR STORAGE AT CITY YARD, ADDITIONAL 450 HP OF PUMPING CAPACITY, NEW OPERATIONAL CONTROLS, AND METER/PRESSURE REDUCING VALVES.	1998	\$4,500,000
5	C	64600	1910211 PARK WC - BELLFLOWER-NORWALK	01	Preliminary and final design and construction of replacement well.	1999	\$1,180,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
5	C	84737	3010022 Southern Calif WC - West Orange	01	Study the need to install chloramination facilities.	1998	\$85,000
5	C	96073	1910070 LOS ANGELES CO WW DIST 4 & 34-LANCA	05	CONSTRUCT 2 NEW 500' WELLS NEAR EXISTING WELLS	2001	\$816,000
5	C	96073	1910070 LOS ANGELES CO WW DIST 4 & 34-LANCA	06	CONSTRUCT 3 NEW 500' WELLS NEAR EXISTING WELLS	2002	\$1,224,000
5	C	96073	1910070 LOS ANGELES CO WW DIST 4 & 34-LANCA	03	CONSTRUCT 15,800' OF 36" WATER MAIN	1999	\$4,300,000
5	C	96073	1910070 LOS ANGELES CO WW DIST 4 & 34-LANCA	04	CONSTRUCT A NEW WELL AND BLEND ITS WATER WITH THE SHUT DOWN WELLS INTO A NEW FOREBAY TANK	1999	\$400,000
5	C	97000	3010004 Mesa Consolidated WD	05	Replace 8" line on 18th Street.	1998	\$520,000
5	C	97000	3010004 Mesa Consolidated WD	10	Replace 16" line on Baker	1998	\$2,760,000
5	C	97000	3010004 Mesa Consolidated WD	09	Replace 12" line on Adams	1998	\$1,260,000
5	C	97000	3010004 Mesa Consolidated WD	16	Replace 8" line on Fairview.	1998	\$90,000
5	C	97000	3010004 Mesa Consolidated WD	07	Replace 12" line on 19th street.	1998	\$1,200,000
5	C	97000	3010004 Mesa Consolidated WD	15	Replace 18" line on Fairview	1998	\$1,957,500
5	C	97000	3010004 Mesa Consolidated WD	27	Installations of a second service line off a second distribution main to allow for uninterrupted service.	1998	\$325,000
5	C	97000	3010004 Mesa Consolidated WD	04	Replace it with a new well producing clear water	1998	\$500,000
5	C	97000	3010004 Mesa Consolidated WD	20	Replacement of the main	1998	\$500,000
5	C	97000	3010004 Mesa Consolidated WD	18	Replace 4" line on Gisler	1998	\$172,500
5	C	97000	3010004 Mesa Consolidated WD	28	Replace 10" line on Village	1998	\$887,500
5	C	97000	3010004 Mesa Consolidated WD	17	Replace the 8" line on Fairview	1998	\$80,000
5	C	97000	3010004 Mesa Consolidated WD	06	Replacement of main.	1998	\$500,000
5	C	97000	3010004 Mesa Consolidated WD	14	Replace 12" line on Fairview	1998	\$810,000
5	C	97000	3010004 Mesa Consolidated WD	23	Construct a 6" tie in line at Pamela and Wilson.	1998	\$15,000
5	C	97000	3010004 Mesa Consolidated WD	21	Replace 6" line on Meyer	1998	\$397,500
5	C	97000	3010004 Mesa Consolidated WD	19	Replace 12" line on Harbor Blvd	1998	\$3,180,000
5	C	97000	3010004 Mesa Consolidated WD	22	Replace 12" line on Monterey	1998	\$285,000
5	C	97000	3010004 Mesa Consolidated WD	11	Installation of bypass meters to those customers who should not have their service interrupted.	1998	\$500,000
5	C	97000	3010004 Mesa Consolidated WD	13	Replacement of the main	1998	\$40,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
5	C	97000	3010004 Mesa Consolidated WD	29	Replace the 8" line on Wallace	1998	\$530,000
5	C	97000	3010004 Mesa Consolidated WD	30	Installation of a storm drain on 23rd Street, and an overflow line from the reservoir.	1998	\$3,000,000
5	C	97000	3010004 Mesa Consolidated WD	26	Construction of 5 interies at 23rd and Newport , Kemp reservoir and Wilson, Santa Ana & Mesa, Santa Isabel & Tustin and Monte Vista & Santa Ana	1998	\$200,000
5	C	97000	3010004 Mesa Consolidated WD	08	Replace 16" line on Placentia	1998	\$1,960,000
5	C	97000	3010004 Mesa Consolidated WD	01	Construction of a treatment facility which treats this water with ozone and micorfiltration to meet standards.	1998	16,000,000
5	C	97000	3010004 Mesa Consolidated WD	02	Replace ozone generators and Contractors.	1998	\$1,500,000
5	C	97000	3010004 Mesa Consolidated WD	24	Replace the 14" line on Placentia	1998	\$1,645,000
5	C	1E+05	3610041 SAN GABRIEL VALLEY WC - FONTANA	02	Construct additional transmission line with intertie to adjacent utility	1998	\$1,250,000
5	C	1E+05	3610041 SAN GABRIEL VALLEY WC - FONTANA	01	Construct treatment facility	1998	\$2,500,000
5	C	1E+05	3610041 SAN GABRIEL VALLEY WC - FONTANA	08	Construct treatment facility	1999	\$2,000,000
5	C	1E+05	3610041 SAN GABRIEL VALLEY WC - FONTANA	07	Construct treatment facility	1999	\$2,000,000
5	C	1E+05	3610041 SAN GABRIEL VALLEY WC - FONTANA	06	Construct treatment facility	1998	\$2,500,000
5	C	1E+05	3610041 SAN GABRIEL VALLEY WC - FONTANA	05	Construct treatment facility	1998	\$2,500,000
5	C	1E+05	3610041 SAN GABRIEL VALLEY WC - FONTANA	09	Construct treatment facility	1999	\$2,000,000
5	C	1E+05	3010010 City of Fullerton	07	Pipeline replacement	1998	\$8,063,750
5	C	1E+05	3010010 City of Fullerton	05	Seal the lower well screens with concrete.	1998	\$40,000
5	C	1E+05	3010010 City of Fullerton	01	Construct a new well an wellhead facilities (including treatment) in the North end of the City of Fullerton's service area	2001	\$2,300,000
5	C	1E+05	3010010 City of Fullerton	03	Design and construction of water mains .	1998	\$1,075,500
5	C	1E+05	3010010 City of Fullerton	06	Upgrade booster station at Lower Acacia Reservoir to provide required flow to upper regions of Zone 3. Add additional pump at Reservoir 2B to boost Zone 3 pressure during high demand times. Construct 5000 feet of 16 inch main in Brea Blvd.	1999	\$804,000
5	C	1E+05	3010010 City of Fullerton	08	The City is proposing to demolish the existing Hillcrest Reservoir and construct a new reservoir at the same site.		\$7,700,000
5	C	1E+05	3010010 City of Fullerton	04	Install two sections of 16-inch water main	1999	\$1,060,000
5	C	1E+05	3010010 City of Fullerton	02	Abandon this well and construct a new well and wellhead facilities at the same site or nearby.		\$1,600,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
5	C	2E+05	1910039 SAN GABRIEL VALLEY WATER CO.-EL MON	01	CONSTRUCT PIPELINE TO TRANSPORT AN INTERIM WATER SUPPLY FROM THE WESTERN PORTION TO THE NORTHEASTERN PORTION OF THE COMPANY'S SERVICE AREA.	1998	\$1,250,000
5	C	2E+05	1910039 SAN GABRIEL VALLEY WATER CO.-EL MON	04	CONSTRUCT TREATMENT FACILITY USING ION EXCHANGE (FOR NITRATE) AND AIR STRIPPING (FOR TCE) TECHNOLOGIES	1998	\$3,500,000
5	C	2E+05	1910039 SAN GABRIEL VALLEY WATER CO.-EL MON	03	CONSTRUCT TREATMENT FACILITY USING AIR STRIPPING TECHNOLOGY	1998	\$1,000,000
5	C	2E+05	1910039 SAN GABRIEL VALLEY WATER CO.-EL MON	02	CONSTRUCT PIPELINE TO TRANSPORT AN INTERIM WATER SUPPLY FROM THE WESTERN PORTION TO THE SOUTHEASTERN PORTION OF THE COMPANY'S SERVICE AREA.	1998	\$850,000
5	C	3E+05	3010001 City of Anaheim	03	Replace or reline the unlined cast iron pipes in phases over a five year period.	1998	\$9,600,000
5	C	3E+05	3010001 City of Anaheim	01	Abandon the six existing wells that draw from the swallow aquifer and construct six replacement wells that will draw from the deeper aquifers. The project will be completed in phases over a 5 year period .	1998	\$1,020,000
5	C	1E+06	3710020 San Diego - City of	16	Bayview water pump plant - replace existing pump plant.	1998	\$885,704
5	C	1E+06	3710020 San Diego - City of	25	This project will replace and/or rehabilitate approx. 6,700 feet of the pipeline.	1998	\$4,580
5	C	1E+06	3710020 San Diego - City of	12	Alvarado water filtration plant expansion and rehabilitation project: College Ranch Pump Plant.	1998	\$4,800,000
5	C	1E+06	3710020 San Diego - City of	10	San Carlos Reservoir (#16, 19, 24): Improve circulation, update to new seismic standards and replace corroded parts and electrical components.	1998	\$1,126,000
5	C	1E+06	3710020 San Diego - City of	08	Rancho Bernardo Reservoir repair existing reservoir to exisiting standards.	1998	\$4,153,062
5	C	1E+06	3710020 San Diego - City of	06	Rehabilitate the reservoir with new lining, roof, and seismic retrofit.	1998	\$2,468,800
5	C	1E+06	3710020 San Diego - City of	43	Paradise Mesa standpipe rehabilitation project.	1998	\$500,000
5	C	1E+06	3710020 San Diego - City of	04	Rehabilitate the exisiting reservoir. (Emerald Hills Standpipe)	1998	\$857,020
5	C	1E+06	3710020 San Diego - City of	02	Construct 10 to 15 MG South SD Reservoir No. 2.	1999	13,140,000
5	C	1E+06	3710020 San Diego - City of	01	This project will mitigate potential contamination threat by putting air/vacuum valves out of harm's way.	1998	\$1,452,000
5	C	1E+06	3710020 San Diego - City of	48	The slope will be stabilized and approx. 300 ln. ft. of pipe will be replaced with new DIP.	1998	\$2,000,000
5	C	1E+06	3710020 San Diego - City of	26	Reline the existing prestressed pipelin (miramar pipe line improvements - phase III	1998	\$5,300,000
5	C	1E+06	3710020 San Diego - City of	05	Rehabilitate the reservoir.	1999	\$2,500,000
5	C	1E+06	3710020 San Diego - City of	09	Penesquitos Reservoir (# 15, 20, 22) rehabilitation: replace roof, update to new seismic standards, replace parts and electrical equipment.	1998	\$966,000
5	C	1E+06	3710020 San Diego - City of	24	Replace approx. 250' of pipeline and appurtenances. CO # 59	1998	\$125,000
5	C	1E+06	3710020 San Diego - City of	20	Pipeline improvements.	1998	17,755,070
5	C	1E+06	3710020 San Diego - City of	19	Replace approximately 6 miles of piepline including vavles and appurtenances.	1998	27,000,000
5	C	1E+06	3710020 San Diego - City of	18	65th and Herrick Pump Plant - Replace existing pump plant with a new, larger pump plant.	1998	\$711,482



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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
5	C	1E+06	3710020 San Diego - City of	17	Replace pumps, valves and instrumentation. Upgrade power source and metering. Enlarge structure to accomadate emergency generator.	1998	\$950,000
5	C	1E+06	3710020 San Diego - City of	23	Replace approx. 6,000 ft. of pipeline including values and appurtenances.	1998	\$2,300,000
5	C	1E+06	3710020 San Diego - City of	22	Pipeline improvements.	2000	14,526,600
5	C	1E+06	3710020 San Diego - City of	21	Pipeline improvements.	1999	17,010,340
5	C	1E+06	3710020 San Diego - City of	47	(La Jolla Exchange Place Reservoir) Repair existing reservoir to existing standards.	1998	\$137,000
5	C	1E+06	3710020 San Diego - City of	46	Replace it with a new pump plant at Deerfield St. (Deerfield Street Water Pump Station).	1998	\$6,100,000
5	C	1E+06	3710020 San Diego - City of	36	Mid-City Pipeline, see attached.	1999	27,000,000
5	C	1E+06	3710020 San Diego - City of	39	Sand blasting and recoating the tank interior, provide additional anchor bolts, spot cleaning the exterior of tank, provide new ladders, hatches and safety appurtenances.	1998	\$450,000
5	C	1E+06	3710020 San Diego - City of	27	Reline the existing prestressed pipeline (Miramar Pipe Line Improvements - Phase IV.	1998	\$4,400,000
5	C	1E+06	3710020 San Diego - City of	07	Bayview Reservoir - remove existing 10 MG Reservoir and replace with an 18 MG Reservoir.	1998	17,642,900
5	C	1E+06	3710020 San Diego - City of	40	Rehabilitation of La Jolla Country Club Reservoir.	1998	\$135,860
5	P	250	3700236 CNTY OF SAN DIEGO-CAMP W FORK	01	Present water system is aging and a continued supply of drinking water is essential to serve this inmate population.	1998	\$250,000
5	P	300	4400758 Renaissance High School	01	Replace two storage tanks and install two submersible well-pump motors. Construct a removable "shell" to surround the submersible well-pump.	1998	\$50,000
5	P	750	5500152 CURTIS CREEK ELEMENTARY SCHOOL	02	INSTALL NEW WATERLINE REPLACEMENT. OTHER - STUDY, DESIGN AND CONSTRUCTION	1998	\$60,000
5	P	750	5500152 CURTIS CREEK ELEMENTARY SCHOOL	01	HOOK UP SCHOOL TO PUBLIC WATER SYSTEM. OTHER - DESIGN AND CONSTRUCTION	2000	\$250,000
5	P	780	4400757 Salsipuedes Elementary School	01	Replace storage tank and construct structure to enclose tanks. Construct an enclosure to surround the well-pump. Replace all water lines.	1998	\$60,000
5	P	2059	4400750 Aptos High School	01	Replace two storage tanks and tank pads. Construct a 450 foot well. Construct an underground "vault" which completely encloses the submersible well-pump apparatus.	1998	\$400,000
5	N	40	2911934 Ananda Seclusion Retreat	01	Install new tank and tower.	1998	\$30,000
5	N	40	5301103 Covington Mill - A	02	Develop a second deep well site to augment the existing well, and provide additional source reliability.	1999	\$30,000
5	N	50	4000652 NORTH SHORE BOAT AND SKI CLUB	01	Install new large tank (replace 3 each 7,500 gallon tanks with one 100,000 gallon tank)	1999	\$35,000
5	N	86	2947000 Kingvale Property Owners and Water	01	Install a well and storage/pressure system. Involves design and construction.	1999	\$50,000
5	N	100	2800569 Aetna Springs Resort	01	Purchase five 5,000 gal tanks. Move chlorination system to location of new tanks to provide more contact time.	1998	\$25,000
5	N	100	2702370 S.P.C. A. of Monterey County	02	Install disinfection system.	1998	\$5,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
5	N	100	2900520 Camp Ross Relles Water System	01	Build 50,000 gallons of water storage on camp property 200 feet above the living area; plumbing from the well to the tanks and back. Possible new well or well upgrade.	1998	\$125,000
5	N	150	3700001 RENDEZVOUS WATER CO.	01	Rehabilitate well #2, add new pump, storage tank, transmission line to connect systems	1998	\$7,200
5	N	150	1900620 CAMP VALCREST	01	REPLACE EXISTING 2" WATER INTAKE PIPES (140") WITH NEW 4" LINES TO MAIN WATER TANK.	1998	\$21,000
5	N	200	5500145 SAN JOSE FAMILY CAMP	01	DEEPEN THE EXISTING WELL BY 200 FEET, REPLACE AGING GALVANIZED LINES TO TANKS, AND ADD A NEW 10,000 GALLON TANK.	1998	\$40,000
5	N	250	2900567 DIAMOND ARROW CONF GRNDS WATER	01	Construction of an above ground metal tank.	1998	\$95,000
5	N	340	5500141 CAMP TAWONGA	01	DRILL A SECOND WELL, ADD A 44,000 GALLON TANK, INSTALL CHLORINATION, LOOP THE SERVICE AREA.	1998	\$213,000
5	N	450	1502318 KERN CO P&R - KERN RIVER COUNTY PAR	01	REPLACE THE PIPE WITH A PVC PIPE WITH A NEW ALIGNMENT. OTHER -DESIGN AND CONSTRUCTION	1998	\$98,000
5	N	636	4910310 CSP-Salt Point State Park	01	Refurbish or locate and construct new well(s) and connect to existing system.	2000	\$150,000
0	C	0	5610050 CALLEGUAS MUNICIPAL WATER DIST	04	Install one 60" valve.	1998	\$200,000
0	C	0	0001401 Crown Ranch Pumping Co	01	Install a new tank.	1998	\$40,000
0	C	22	2701633 Paradise Rd. WS #21	01	Recoat tank, repair back-up well, and install water treatment system.	1998	\$10,000
0	C	23	1502600 WEGIS WATER SYSTEM	01	Replace failing tankage w/larger storage tanks, install second distribution pump + associated piping, install new distribution piping + fire hydrant, eliminate dead leg. Other - Study/Design/Construction	1998	\$90,000
0	C	25	3400168 COSUMNES RIVER INDIAN ASSOC	01	New pump and piping, larger storage tank and valves.	1999	\$83,000
0	C	25	0400090 Mountain Village Water Company	01	Construction of a new 20,000 gallon water storage system using polyethylene tanks.	1998	\$18,000
0	C	30	4900665 Russian River Mutual	01	Replace transmission lines, increase storage, and install treatment.	1999	\$75,000
0	C	35	2700536 Corral de Tierra Estates	02	Repair or replace inoperable valves throughout the system.	1998	\$10,000
0	C	35	2800527 Linda Falls Terrace	01	Replace tank with new tank.	1999	\$10,000
0	C	35	2700536 Corral de Tierra Estates	04	Install above.	1998	\$5,000
0	C	35	0400003 Northwoods Mutual Water System	02	Construct a new roof over 18,000 gallon in ground reservoir.	1998	\$10,000
0	C	38	4300504 Arrowhead Cooperative Company	01	Run new 10-inch mains from SJWC to all streets. Abandon existing system. The study and design has already been done by SJWC.	1998	\$1,642,632
0	C	40	4900706 Massini MWC	01	Install remote telemetry for continuous control and alarm status. Two of the three tanks will be replaced with larger steel tanks. An ozone generator will be installed at the well site to oxidize iron and disinfect the water.	1998	\$250,000
0	C	40	0707585 MORAGA HGTS MUTUAL WATER CO	01	Replace system, expand filtration and develop further resources.	1998	\$75,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
0	C	44	1502597 DEL SOL WATER CO-OP	01	Replace the old storage tanks w/ new polyvinyl tanks.	1998	\$7,000
0	C	45	2700669 Orchard Lane WS #2	01	Need to drill new well.	1998	\$40,000
0	C	45	4300792 Aborn Heights Water Mutual Associat	01	Replace existing water tank. Pressurize entire system. Upgrade chlorine injection system.	1998	\$150,000
0	C	49	2701959 Tierra Vista MWC	01	Drill a new well, and replace storage tanks and delivery system.	1999	\$80,000
0	C	50	3400182 SAC CO BOY'S RANCH	01	Construct a new 250,000 gallon water storage tank. Involves design and construction.	1998	\$250,000
0	C	50	5400940 SIERRA KING WATER CO	02	Provide additional storage and a backup well. Additional storage needed to ensure adequate contact time during high water demand periods.	2001	\$25,000
0	C	50	3310302 Lake Perris SRA	05	Design and Construct 1/2 MG reservoir as addition to existing system, connect to existing distribution system. Tank foundation will have seismic protection.	1998	\$350,000
0	C	50	3310302 Lake Perris SRA	04	Replace 23, 4" - 8" diameter main line valves. Project will include purchasing a powered valve exerciser.	1998	\$11,500
0	C	50	3400182 SAC CO BOY'S RANCH	02	Construct a new 150 gpm well and chlorine treatment system. Involves design and construction.	1998	\$200,000
0	C	50	5400940 SIERRA KING WATER CO	03	Provide additional storage and a backup well. Additional storage needed to ensure adequate contact time during high water demand periods.	2001	\$25,000
0	C	50	5400940 SIERRA KING WATER CO	01	Provide additional storage and a backup well. Additional storage needed to ensure adequate contact time during high water demand periods.	2001	\$25,000
0	C	55	4900549 Sonoma County CSA 41-Freestone	01	Replace the old 50,000 gal tank with new steel or redwood 50,000 gal tank.	1998	\$80,000
0	C	55	2900548 SIERRA MOBILE HOME RANCH	01	Install new well and install float-pressure switch for tank.	1998	\$4,000
0	C	60	2700686 Garlen Court WS	03	Replace existing distribution lines.	1999	\$50,000
0	C	60	2700686 Garlen Court WS	01	Design and construct a new roof and make other necessary repairs to the tank.	1998	\$15,000
0	C	60	0300062 HOPE FOUNDATION	01	INSTALL AUTOMATIC SHUT-OFF ON TANK FILL LINE. INSTALL FE & MN REMOVAL SYSTEM. DRILL BACK-UP WELL.	1998	\$80,000
0	C	60	3600079 CRAWFORD CANYON MWC	01	Construct new wells, repair reservoir, replace mainline	1998	\$3,000,000
0	C	62	1500540 MOUNTAIN SPRINGS WATER COMPANY	02	Drill new well, add storage and replace undersized pipe with 4" diameter mains.	2000	\$220,000
0	C	62	1500540 MOUNTAIN SPRINGS WATER COMPANY	03	Drill new well, add storage and replace undersized pipe with 4" diameter mains.	2000	\$220,000
0	C	62	1500540 MOUNTAIN SPRINGS WATER COMPANY	04	Drill new well, add storage and replace undersized pipe with 4" diameter mains.	2000	\$220,000
0	C	70	2702374 Countryside Estates MWC	01	Install water meters. Build fence around storage tanks.	1998	\$4,500
0	C	75	4100512 LOMA MAR MUTUAL WATER COMPANY	01	Engineer and design new treatment system.	1998	\$18,000
0	C	75	4100510 REDWOOD TERRACE MUTUAL WATER	01	Replace and upgrade piping, filtration pump capacity and dig another well.	1998	\$120,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
0	C	75	4100512 LOMA MAR MUTUAL WATER COMPANY	04	Enlarge system storage and reserve.	1998	\$100,000
0	C	75	3100052 CREEKSIDE VILLAGE	01	Connect to PCWA. Involves Construction and other.	1998	\$130,000
0	C	75	4100512 LOMA MAR MUTUAL WATER COMPANY	05	Install and construct new system piping	1998	\$400,000
0	C	90	1900155 WILSONA GARDEN MUTUAL WATER CO.	02	SITE PREPARATION, PURCHASE, AND INSTALLATION OF A NEW 20,000 GAL. OR TWO 10,000 GAL. STORAGE TANKS.	1998	\$16,000
0	C	90	1900155 WILSONA GARDEN MUTUAL WATER CO.	01	DRILL A NEW WELL	1998	\$39,000
0	C	90	1900155 WILSONA GARDEN MUTUAL WATER CO.	04	DESIGN AND CONSTRUCT A NEW DISTRIBUTION SYSTEM COVERING APPROXIMATELY 163 ACRES.	1999	\$50,000
0	C	90	1900155 WILSONA GARDEN MUTUAL WATER CO.	03	UPGRADE TO A NEW 5,000 + GAL. TANK AND UPGRADE BOOSTER PUMP.	1998	\$13,000
0	C	92	3100573 Willo Glen Mutual Water Company	01	Hook up to available PCWA with main meter. Install individual water meters at each existing connection.	1998	\$40,000
0	C	93	5601122 TICO MUTUAL WATER CO	01	Add a pressurized 8,000 gallon storage facility to the system immediately downstream of the current main tank.	1999	\$35,000
0	C	93	5601122 TICO MUTUAL WATER CO	03	Install a new well supply line	1998	\$50,000
0	C	93	5601122 TICO MUTUAL WATER CO	02	Provide chlorination treatment facilities for both wells.	1999	\$15,000
0	C	98	3900702 CORRAL HOLLOW	01	CONSTRUCT PRESSURE TANK AND BOOSTER STATION. OTHER = DESIGN AND CONSTRUCTION	1998	\$300,000
0	C	110	3900543 MAURLAND MANOR WATER DISTRICT	01	INSTALL PRESSURE TANK, REPLACE LINES WITH LARGER PIPES AND CONSOLIDATE WITH SYWSTEM 3901348. OTHER = DESIGN AND CONSTRUCTION	1998	\$400,000
0	C	125	5200585 Mineral Homeowners Association	01	Replace distribution system pipes.	2000	\$300,000
0	C	128	0300515 Harding Water Users	01	REPLACE TANK AND PIPES . TANK IS LEAKING.	1998	\$15,032
0	C	140	1500447 SIERRA BREEZE MUTUAL WATER COMPANY	01	TREATMENT SYSTEM FOR NITRATES; REPLACE DISTRIBUTION LINES. OTHER - DESIGN, STUDY AND CONSTRUCTION	1998	\$300,000
0	C	140	2701503 Mesa Del Toro Mutual Water Co.	01	Replace storage tanks and water lines. Install a chlorination system.	1998	\$10,000
0	C	146	3900563 GAYLA MANOR	01	REPLACE EXISTING WELL AND ADD AUXILIARY POWER. CONSOLIDATE WITH NEIGHBORING WATER SYSTEMS. OTHER = DESIGN AND CONSTRUCTION	1998	\$450,000
0	C	150	4900560 Kelly Mutual Water Company	01	Replace distribution mains, hydrants, pressure tanks.	1998	\$200,000
0	C	150	3500006 CSA No. 31 (Stonegate WS)	01	Re-coat tanks.	1998	\$100,000
0	C	150	3901303 ACAMPO WATER SYSTEM	01	REPLACE WELL 2 WITH NEW WELL. OTHER = DESIGN AND CONSTRUCTION	1998	\$450,000
0	C	172	1900677 OASIS R V PARK	01	REPLACE OLD GALVANIZED PIPES WITH PLASTIC PIPES	1998	\$60,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
0	C	175	4300522 Lake Canyon Mutual Water Company	02	Replace distribution lines.	1998	\$94,000
0	C	180	3700962 OAKVALE PARK	02	Installing isolation valves in distribution system.	1998	\$7,000
0	C	180	3700962 OAKVALE PARK	03	Installing larger water line of approved material to better serve residents and avoid damage to paved county rd.	1998	\$20,000
0	C	180	4100546 WOODSIDE MUTUAL WATER COMPANY	01	Replace existing pipes and provide more storage for fire protection	1999	\$1,500,000
0	C	180	3700962 OAKVALE PARK	01	Installing a drinking water approved vinyl liner in tank.	1998	\$5,000
0	C	180	4300560 Green Mountain Water Company	01	Drill a second well.	1998	\$19,000
0	C	196	4400572 Fern Grove Club	01	(1) Replace one and a half miles of main line. (2) Drill a second well.	1999	\$500,000
0	C	200	2701800 Tularcitos MWC	01	Drill second well adjacent to our #1 well. Also, put in new pump and motor.	1998	\$35,000
0	C	200	4900543 Sonoma County CSA 41-Salmon Creek	01	Construct elevated storage tank.	1998	\$75,000
0	C	200	4900543 Sonoma County CSA 41-Salmon Creek	02	Improvements of the subsurface diversion.	1998	\$10,000
0	C	200	2701355 Princes Camp	01	Replace pipes and pump.	1998	\$28,673
0	C	225	1500483 ALLEN ROAD MUTUAL WATER SYSTEM	01	DRILL NEW WELL. OTHER - STUDY, DESIGN, CONSTRUCTION AND OTHER	2002	\$100,000
0	C	225	2600620 MOUNTAIN MEADOWS SUBDIVISION	01	Construct second storage tank	1998	\$250,000
0	C	230	4100503 BUTANO CANYON MUTUAL WATER CO	01	Install new distribution system of high density polyethylene, with 96 metered connections and a new 40,000 gallon header tank at higher elevation.	1998	\$450,000
0	C	246	2701870 Pine Canyon Alco Water	01	Install six 50,000 gallon tanks, pumps, six standby generators, and pumphouses for three separate storage & booster facilities.	1998	\$525,000
0	C	250	2911693 Penn Valley Mobile Home Park	01	Install second well, storage tanks, pressure system, booster pumps, and two generators.	1998	\$50,000
0	C	250	1910099 PARADISE RANCH MOBILE HOME PARK	04	REPLACE 107,000 GAL. TANK.	1998	\$35,000
0	C	284	2700772 Struve Rd. WS #2 - Moss Landing	01	Build storage tanks and take measures for well head protection. These projects would involve study, design, and construction.	1998	\$50,000
0	C	300	4400595 Villa Del Monte MWC	01	Replace distribution system.	1999	\$490,256
0	C	300	2701364 Pedrazzi Mutual Water System	01	Drill a new well and tie it into the existing system.	1998	\$561,050
0	C	300	1900301 SHADOW ACRES MUTUAL WATER COMPANY	02	INSTALL A BOOSTER SYSTEM NEAR THE WHOLESALER'S WATER TURNOUT.		\$130,000
0	C	300	4400598 GREENBELT WATER COMPANY	03	Replace tank with new 60,000-gallon steel tank.	2000	\$32,000
0	C	300	3610016 GLEN MARTIN MWC	01	Construct new reservoir, replace mainline, drill new well	1999	\$1,000,000

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Bonus	Type	Pop	System # and Name		Pre-App	Project Description	FY	Cost
0	C	300	1900301	SHADOW ACRES MUTUAL WATER COMPANY	01	TIE THE DEAD-ENDS TOGETHER AND LOOP OUR ENTIRE DISTRIBUTION SYSTEM	1998	\$280,000
0	C	350	1500544	ENOS LANE PUBLIC UTILITY DISTRICT	04	Loop system	2000	\$300,000
0	C	350	1900146	SUNNYSIDE FARMS MUTUAL WTR CO	01	REPLACE TANK BOTTOM.	1998	\$30,000
0	C	350	1900146	SUNNYSIDE FARMS MUTUAL WTR CO	02	DRILL NEW WELL.	1998	\$15,000
0	C	350	1500544	ENOS LANE PUBLIC UTILITY DISTRICT	02	Loop system	2000	\$300,000
0	C	350	1500544	ENOS LANE PUBLIC UTILITY DISTRICT	03	Loop system	2000	\$300,000
0	C	360	4600009	Sierra Brooks PSD	01	Construct new storage tank, refurbish existing tank and thus correct pressure problems.	1998	\$450,000
0	C	364	4400539	Manana Woods MWC	01	Replace lines, and install shut-off valves, meters, and purification filters.	1998	\$50,000
0	C	400	0707569 4	ANGLER'S RANCH SUBDIVISION	01	Install 3" - 4" lines throughout entire system. To each lot/hook-up.	1998	\$560,000
0	C	475	2701254	Carmel Riviera MWC	01	Drill one or two new wells with the assistance of a Groundwater Geologist to obtain at least 50 gpm of sustainable yield of good quality ground water.	1998	\$250,000
0	C	500	1900803	EL DORADO MUTUAL WATER COMPANY	01	REPLACE BOTH TANKS.	1998	\$125,000
0	C	500	3600308	TREEHOUSE FUN RANCH INC	01	Construct new well and tank	1998	\$50,000
0	C	500	1900102	WEST SIDE PARK MUTUAL	01	CONSTRUCTION OF A NEW 500,000 GALLON TANK TO INCREASE STORAGE AND AN ENLARGED PUMPING STATION.	1998	\$250,000
0	C	500	2800521	Circle Oaks Co water Dist	01	Cut into bedrock material and replace tank with 70,000 to 100,000 gal tank.	1998	\$300,000
0	C	500	4100531	LOG CABIN RANCH	01	Installation of emergency generator, valves, piping, watert storage tanks and cleaning of emergency water source.	1998	\$500,000
0	C	520	1500475	KRISTA MUTUAL WATER COMPANY	01	Remove and replace pump and pump house. Install additional storage tank, replace 5000' of 8" trans. Pipeline, property and ROW for tank with piping. OTHER - Design and Construction	1998	\$300,000
0	C	585	1010052	Sierra Cedars CSD	01	CONSTRUCT A NEW WELL AND UPGRADE THE DISTRIBUTION SYSTEM.	1998	\$250,000
0	C	600	5000090	PINEWOOD MEADOWS MOBILE ESTATE	01	UPGRADE DISTRIBUTION PIPING. OTHER = DESIGN AND CONSTRUCTION	1998	\$40,000
0	C	600	3600262	SNOWCREST HTS. IMP. ASSOC	01	Construct source, storage, and distribution facilities	1998	\$500,000
0	C	606	1010051	FRESNO CO WATER WORKS DIST 18	01	Install new filter, modify clearwell, and add new storage tank.	2000	\$461,870
0	C	610	4010003	SAN MIGUELITO MWC	12	Institute an aggressive leak detection and repair program for entire system.	1998	\$10,000
0	C	610	4010003	SAN MIGUELITO MWC	05	Construct a separate, new boost station to take advantage of higher pressure state water.	1998	\$20,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
0	C	610	4010003 SAN MIGUELITO MWC	08	Replace existing steel water mains with PVC C-900 mains.	1999	\$80,000
0	C	610	4010003 SAN MIGUELITO MWC	10	Install piping and backwash pump to take water from adjacent tank no. 550 rather than system	1999	\$27,000
0	C	670	3910024 San Joaquin County - Wilkinson Mano	01	CONSOLIDATE INTO A SINGLE SYSTEM. OTHER = DESIGN AND CONSTRUCTION.	1998	\$3,000,000
0	C	800	3600306 THUNDERBIRD CWD	03	Construct disinfection facilities	2000	\$50,000
0	C	800	3600306 THUNDERBIRD CWD	01	Construct new 200,000 gallon reservoir	2000	\$160,000
0	C	800	3600306 THUNDERBIRD CWD	02	Construct new line	2001	\$90,000
0	C	861	1910025 LOS ANGELES CO WW DIST 39- ROCK CREE	01	CONSTRUCT A NEW 500' WELL TO REPLACE EXISTING WELL AND INSTALL 500' OF PIPELINE	2002	\$450,000
0	C	978	1910075 LOS ANGELES CO WW DIST 21- KAGEL CAN	01	REPLACE 2100 FT OF UNDERSIZED 2" WATER MAIN WITH ADEQUATE 6"/8" WATER MAIN.	1998	\$148,500
0	C	978	1910075 LOS ANGELES CO WW DIST 21- KAGEL CAN	09	INSTALL APPROX. 4,000' OF 24" PIPELINE AND APPURTENANCES	1998	\$2,457,000
0	C	978	1910075 LOS ANGELES CO WW DIST 21- KAGEL CAN	06	RETROFIT TWO TANKS WITH FLEXIBLE CONNECTIONS AND MOVE OVERFLOW DRAINS TO THE SIDE OF THE TANK FROM THE FLOOR.	2000	\$112,500
0	C	978	1910075 LOS ANGELES CO WW DIST 21- KAGEL CAN	03	INSTALLATION OF PIPELINE ALONG KAGEL CANYON RD FROM EXISTING INTERCONNECTION WITH THE CITY OF LA TO PROVIDE ADEQUATE FIRE PROTECTION.	2001	\$700,000
0	C	978	1910075 LOS ANGELES CO WW DIST 21- KAGEL CAN	07	UPGRADE EXISITING EMERGENCY CONNECTION WITH LADWP AND EXPAND BOOSTER CAPACITY ACCORDINGLY.	2000	\$400,000
0	C	978	1910075 LOS ANGELES CO WW DIST 21- KAGEL CAN	05	THE PROJECT CONSISTS OF INSTALLING 1400 LF OF 12-INCH PIPELINE TO THE TANK ALONG ANOTHER ALIGNMENT.	1998	\$285,000
0	C	978	1910075 LOS ANGELES CO WW DIST 21- KAGEL CAN	04	TO INSTALL 2800 +/- LF OF SIX AND EIGHT-INCH PIPELINE WITH SERVICES AND FIRE HYDRANTS	1999	\$194,000
0	C	978	1910075 LOS ANGELES CO WW DIST 21- KAGEL CAN	02	REPLACE 1-1/4" WATER MAIN IN WEST TRAIL WITH ADEQUATE 6"/8" PIPELINE.	2000	\$45,000
0	C	1000	1510008 RANCHO VERDUGO WC	01	DRILL NEW WELL	1998	\$700,000
0	C	1000	3110032 Lake Forest Utility Company, Inc.	02	Replace undersized lines with 6" and 8" lines. Involves design and construction.	1999	\$500,000
0	C	1100	1910244 GREEN VALLEY CWD	01	Expose, remove and replace old lines; refurbish and modify three pressure reducing valves adding pressure sustaining features and low flow bypass; install additional water storage tanks next to existing tanks ...	1998	\$201,250
0	C	1200	4410008 Mt. Hermon Association, Inc.	01	Carry out an Environmental Impact Report.	1998	\$425,000
0	C	1200	4410008 Mt. Hermon Association, Inc.	03	Dismantle the well head, pull the pump and motor, and insert a piece of pipe in the screened interval section.	1998	\$25,000
0	C	1200	4410008 Mt. Hermon Association, Inc.	04	Purchase and install a new lid for tank.	1998	\$100,000
0	C	1300	1910199 CAL DOMESTIC WATER CO.	02	CONSTRUCTED 10,000 GPM VOC REMOVAL SYSTEM: AIR STRIPPING TOWERS WITH OFF-GAS TREATMENT	1998	\$2,300,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
0	C	1379	3310074 Lee Lake Water District	01	A water surface treatment facility needs to be constructed to allow the District to use its wells for potable use. Also, a water transmission pipeline must be constructed to connect the wells to the District's existing potable transmission main.	1999	\$1,000,000
0	C	1416	3610105 SO CA WATER CO-VICTORVILLE 5	02	Replace mainline	1998	\$150,000
0	C	1500	2110004 Stinson Beach County Wtr Dist	07	Replacement of 3,00 1f undersized transmission mains.	1998	\$170,000
0	C	1500	4100517 MENLO SCHOOL AND COLLEGE	02	Study by professional engineering firm to determine possible solutions is being conducted.	1998	\$300,000
0	C	1500	4100517 MENLO SCHOOL AND COLLEGE	01	Study by professional engineering firm to determine possible solutions is being conducted.	1998	\$300,000
0	C	1500	2110004 Stinson Beach County Wtr Dist	01	Highway One Transmission line replacement	1998	\$70,000
0	C	1500	3610117 DEVORE WC	04	Refinance existing loan	1998	\$222,695
0	C	1500	3610117 DEVORE WC	02	New 125k reservoir at top of Greenwood Ave, new well	2000	\$175,000
0	C	1500	3610117 DEVORE WC	03	Construct new transmission lines from sources to storage, relocate PRVs	1998	\$347,500
0	C	1500	3610117 DEVORE WC	01	Install diesel booster at Devore Rd PRV, Install earthquake valves on reservoirs and 215FWY bridge, add new mainline valves, install soft start on Pump 3	1999	\$26,500
0	C	1525	3110047 Talmont Resort Improvement District	01	Need new well. Install pressure tank and pressure pumps.	1998	\$150,000
0	C	1650	1910035 KINNELOA IRRIGATION DIST.	08	Replace the pipeline for the above three tunnels and upgrade the existing distribution system.	2000	\$1,204,000
0	C	1800	1910249 WHITE FENCE FARMS MUTUAL WATER CO.	01	Remove the existing pump bowls and motor, clean and redevelop the well and install higher capacities pump bowls and motor depending on the wells yield. Project involves: Design to solve problem, and Construction	1998	\$40,000
0	C	1800	1910249 WHITE FENCE FARMS MUTUAL WATER CO.	03	Remove the existing pressure tanks and install new ones, lined with NSF approved paint. Project involves: Design to solve problem, and Construction	2000	\$70,000
0	C	2000	1510007 FRAZIER PARK PUD	01	REPLACE WATER MAINS WITHIN OUR DISTRICT - REPAIR/REPLACE WATER STORAGE TANKS ADD FIRE HYDRANTS. OTHER - DESIGN AND CONSTRUCTION	1999	\$800,000
0	C	2000	4110019 O'Connor Tract Coop Wtr Co	01	Install 3650 feet of new pipe and reconfigure system to abandon old pipe.	1999	\$500,000
0	C	2000	2110006 North Marin WD - Pt. Reyes	15	Install connection for emergency generator to speed restoration of service.	1998	\$3,600
0	C	2000	2110006 North Marin WD - Pt. Reyes	16	Purchase power generator dedicated to West Marin.	1998	\$35,000
0	C	2000	2110006 North Marin WD - Pt. Reyes	13	Backup pump for PRE	1999	\$60,000
0	C	2000	2110006 North Marin WD - Pt. Reyes	12	Computerized controls for PRE pump stations.	1999	\$10,500
0	C	2043	3310004 Box Springs MWC	03	Renovation of interior and exterior coatings and structural repairs.	1998	\$130,000
0	C	2043	3310004 Box Springs MWC	01	Replace all undersized and substandard waterlines.	1998	\$1,000,000
0	C	2131	3310013 Elsinore WD - Country Club	02	Design and construct 50,000'+ of new watermain to meet the WW standards and increase system reliability. Project can be phased by priority over 3+ years.	1999	\$3,375,000



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Bonus	Type	Pop	System # and Name		Pre-App	Project Description	FY	Cost
0	C	2131	3310013	Elsinore WD - Country Club	03	Design and construct new steel tank to meet standards, to increase system reliability and to allow major maintenance on other tanks in the system.	1999	\$375,000
0	C	2131	3310013	Elsinore WD - Country Club	01	Design and construct new well with pump and appurtenances to meet the Waterwork Standards, increase system reliability and provide redundancy in source of supply.	1998	\$350,000
0	C	2260	3610063	SO CA WATER CO - MORONGO DEL SUR	02	Replace mainline	1998	\$570,000
0	C	2280	1910185	LOS ANGELES CO WW DIST 36- VAL VERDE	05	RETROFIT TWO WATER TANKS WITH FLEXIBLE CONNECTIONS AND MOVE DRAIN/OVERFLOW TO SIDES OF TANKS.	1999	\$112,500
0	C	2280	1910185	LOS ANGELES CO WW DIST 36- VAL VERDE	02	CONSTRUCT NEW WELL WITH CHLORINATION STATION, FOREBAY TANK, AND BOOSTER PUMPING STATION TO MEET CUSTOMER WATER REQUIREMENTS.	2001	\$1,200,000
0	C	2280	1910185	LOS ANGELES CO WW DIST 36- VAL VERDE	01	RECOAT INTERIOR OF 0.50 MG CUYAMA TANK TO PROTECT WATER QUALITY AND PUBLIC HEALTH.	2000	\$80,000
0	C	2280	1910185	LOS ANGELES CO WW DIST 36- VAL VERDE	04	CONSTRUCT A 500,000 GALLON TANK AT AN INTERMEDIATE PRESSURE ZONE FOR THE HASLEY AREA.	2001	\$500,000
0	C	2300	3310046	Farm Mutual W.C. (The)	02	Construct new reservoir to replace existing reservoir.	2000	\$370,000
0	C	2300	3010095	Santiago County Water District	01		1998	\$500,000
0	C	2300	3310046	Farm Mutual W.C. (The)	01		1998	\$1,000,000
0	C	2400	5610015	VENTURA CWWDD NO. 19 - SOMIS	05	Construct 1.0 MG reservoir and 7,200 LF of 14 inch transmission line	1999	\$1,223,000
0	C	2400	5610015	VENTURA CWWDD NO. 19 - SOMIS	02	Construct 900 LF of 8 inch water line to replace existing 2-inch line on East St.	1998	\$54,000
0	C	2400	1910056	LAKE ELIZABETH MUTUAL WATER CO.	01	Design and construct a water storage tank on the North side of Fault Zone.	1998	\$500,000
0	C	2500	2810001	Howell Mountain Mutual Water Compan	01	Install 1MG tank at plant. Replace distr. system. Bring earthen dams up to standards. Extend the height of Lake Henne dam. Rebuild the supply piping system for the lakes to the treatment plant.	1998	12,400,000
0	C	2500	3710039	Pine Valley MWC	03	Replace with an 8" C-900 water main and services.	1998	\$200,000
0	C	2500	3710039	Pine Valley MWC	02	Purchase of emergency chlorinator and portable 300 kw generator for tie-in to distribution largest well.	1998	\$120,000
0	C	2500	3110018	Tahoe Park Water Company	02	Install a storage tank and pipeline. Involves design and construction.	2000	\$200,000
0	C	2500	3710039	Pine Valley MWC	06	.5 MG storage tank, pump station, an 8" diameter pipeline at higher than upper elevations.	1998	\$1,000,000
0	C	2500	3710039	Pine Valley MWC	01	Replace with welded steel tank which meets current standards.	2002	\$175,000
0	C	2850	1910064	LITTLEROCK CREEK IRRIGATION DIST.	01	Basin clean up using groundwater withdrawal and blending (see attached report) Project involves: Design, and Construction	1998	\$3,900,000
0	C	2891	1910247	NEWHALL CWD-CASTAIC	01	Design and construct 2.5 MG welded steel storage reservoir in 1630' pressure zone and 8,880 feet of 16-inch diameter waterline.	1998	\$2,660,000
0	C	2891	1910247	NEWHALL CWD-CASTAIC	02	The District proposes to construct a micro filtration plant to treat the water and utilize in the domestic system. Project involves: Design, and Construction	1998	\$2,800,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
0	C	2937	1910248 LOS ANGELES CO WW DIST 37- ACTON	01	INSTALL A PRESSURE REDUCING VALVE STATION, CONNECT TO THE HIGH PRESSURE ZONE, AND INSTALL APPROXIMATELY 420 FT. OF EIGHT INCH PIPELINE TO ISOLATE THE NEW ZONE.	1998	\$50,000
0	C	2937	1910248 LOS ANGELES CO WW DIST 37- ACTON	03	CONSTRUCT A 500,000 GALLON WATER TANK TO PERMIT SAND TO SETTLE AND ALLOW CONTACT TIME FOR CHLORINE.	2001	\$540,000
0	C	2937	1910248 LOS ANGELES CO WW DIST 37- ACTON	04	CONSTRUCT APPROXIMATELY 2,700 FT. OF 12 IN. PIPELINE.	1999	\$200,000
0	C	2937	1910248 LOS ANGELES CO WW DIST 37- ACTON	07	CONSTRUCT 2,600 FT. + OF 12 INCH PIPELINE ALONG AN ALTERNATE ROUTE TO MAKE THE SYSTEM MORE RELIABLE.	1999	\$200,000
0	C	2937	1910248 LOS ANGELES CO WW DIST 37- ACTON	06	CONSTRUCT ANOTHER PUMP STATION A SANTIAGO RD. AND SOLEDAD CANYON RD.	2001	\$340,000
0	C	2937	1910248 LOS ANGELES CO WW DIST 37- ACTON	05	CONSTRUCT 4,200 FT. + OF 12 INCH PIPELINE ON SANTIAGO ROAD TO SIERRA HIGHWAY AND THE NORTH TANK.	2002	\$310,000
0	C	4419	4410002 Citizens Utilities Company	02	Replace San Lorenzo water main.	1998	\$270,000
0	C	4419	4410002 Citizens Utilities Company	01	Replace water main.	1998	\$300,000
0	C	4445	3610107 SO CA WATER CO- VICTORVILLE 1	01	Replace mainline	1998	\$38,000
0	C	4500	1910163 VALENCIA HEIGHTS WATER CO.	01	Design and construct replacement wells.	1999	\$700,000
0	C	4502	3310800 Calif Rehab Center - Norco	01	Add air stripping unit for benzene treatment.	1998	\$250,000
0	C	5000	5610008 PLEASANT VALLEY MUTUAL WATER CO	01	Conducted a study with an engineering firm, best way to solve the problem was to install booster pump station.	2002	\$95,000
0	C	5000	3310026 Nuevo Water Company	01	Construct new 1000 gpm capacity well and new 12" pipeline (see attached Plate 1).	1998	\$1,020,000
0	C	5050	3710004 Del Mar - City of	02	Please see attached	1998	\$260,000
0	C	5100	4210013 SOLVANG WATER DEPARTMENT	02	Construction of 2.3 million gallon reservoir	2001	\$3,638,000
0	C	5997	1910250 NEWHALL CWD-PINETREE	01	Install a 2 MG welded steel storage facility to supplement the Pinetree Systems existing storage. Project involves: Design to solve problem, and Construction	1998	\$1,000,000
0	C	6603	3610047 SO CA WATER CO- WRIGHTWOOD	02	Replace mainline	1998	\$3,900,000
0	C	6603	3610047 SO CA WATER CO- WRIGHTWOOD	03	Construct new reservoir	1998	\$200,000
0	C	7145	4910023 Citizens Utilities-Larkfield Distri	02	Old Redwood Highway main replacement/extension.	1998	\$160,000
0	C	7145	4910023 Citizens Utilities-Larkfield Distri	03	Construct raw water storage reservoir at North Wikiup site.	1998	\$400,000
0	C	7500	3010082 Serrano Water District	02	Construct additional 2 MGD to existing treatment plant.	1998	\$2,500,000
0	C	7587	1910203 LOS ANGELES CO WW DIST 24,27,33-PEA	03	CONSTRUCT A NEW 500' SHADOW WELL, A CHLORINATION SYSTEM, A BOOSTER STATION AND A FOREBAY TANK	2001	\$1,536,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
0	C	7587	1910203 LOS ANGELES CO WW DIST 24,27,33-PEA	02	INSTALL 6,600 LINEAR FEET OF 12" WATER MAIN	1999	\$450,000
0	C	7587	1910203 LOS ANGELES CO WW DIST 24,27,33-PEA	01	CONNECT 2 ADJACENT WELLS FOR CHLORINATION AT ONE SITE	1998	\$110,000
0	C	7744	4910011 Sebastopol, City of	02	A new well (#7) has been developed to replace well 5. The new well is in the final construction phase and due to be placed into service in Fall of 1997.	1998	\$550,000
0	C	8000	3310033 Santa Ana River Water Company	02	Drill and equip two water wells	1998	\$600,000
0	C	8000	3310033 Santa Ana River Water Company	04	Install an ion exchange treatment process to remove nitrate from Wells 3 and 3A	1998	\$1,300,000
0	C	8000	3310033 Santa Ana River Water Company	03	Construct a 2.7 million gallon welded steel tank on the water company's existing land on Bellegrave Ave.	1998	\$1,200,000
0	C	8000	1910060 LA PUENTE VALLEY CWD	05	Construction of a pressure sustaining valve between Pressure Zone 1 and 2.	1998	\$20,000
0	C	8000	1910060 LA PUENTE VALLEY CWD	04	Construction of a 75 HP generator for booster pumps.	1999	\$35,000
0	C	8000	1910060 LA PUENTE VALLEY CWD	03	Replacement of line with 12" ductile iron pipe. Project involves: Design to solve problem, and Construction	2000	\$150,000
0	C	8000	3310033 Santa Ana River Water Company	05	Foundation improvements, expansion joints and piping modifications of shell to ground connections (see attached report).	1998	\$100,000
0	C	8000	3310033 Santa Ana River Water Company	01	Construct water pipelines to eliminate dead end water lines (Plate 1)	1998	\$810,000
0	C	8000	3310033 Santa Ana River Water Company	06	Construct new 1.5 MG tank, well #8, Bellegrave Booster Station and pipelines. (see attached loan agreement)	1998	\$1,255,690
0	C	8788	1910096 NEWHALL CWD-NEWHALL	05	Construct a 12-inch diameter water main about 2600 + from Zone 8 (1710') system to Zone 6. PZ No. 6 will be eliminated by this project. (See Plate 1). Project involves: Design, and Construction	1998	\$232,000
0	C	8788	1910096 NEWHALL CWD-NEWHALL	03	Replacement of six (6) water tanks which failed in the January 1994 Northridge earthquake. Refinancing of the District's 1995 Installment Sale Financing (see attached Agreement).	1998	\$2,870,211
0	C	8788	1910096 NEWHALL CWD-NEWHALL	04	Design and construct a pumping station and a connection to CLWA's lateral to obtain 2000 gpm capacity.	1998	\$300,000
0	C	8788	1910096 NEWHALL CWD-NEWHALL	02	Rehabilitate Well 10 by chemical treatment. See attached specification and correspondence of July 9, 1997.	1998	\$150,000
0	C	9500	4110027 Westborough County Water Dist	01	Install new pipes and couplings to eliminate water outages for customers and construct new water storage tank for adequate water storage.	1998	\$2,500,000
0	C	9500	2810005 American Canyon, City of	01	Design, land acquisition and four MG potable water storage tank.	1998	\$2,048,000
0	C	9500	2810005 American Canyon, City of	02	Purchase water supply and connection from City of Vallejo water system.	1998	\$1,000,000
0	C	11000	1910148 SIERRA MADRE-CITY, WATER DEPT.	02	Design and construct one domestic well and a water system inter-tie between the Cities of Sierra Madre and Arcadia.	1998	\$1,660,000
0	C	11000	1910148 SIERRA MADRE-CITY, WATER DEPT.	01	Replace two (2) concrete reservoirs and perform seismic retrofit work at two (2) others. Project involves: Design, and Construction	1998	\$6,000,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
0	C	11166	1910005 LOS ANGELES CO WW DIST 38- LAKE L.A.	01	CONSTRUCT A NEW 400' SHADOW WELL, 4500' OF PIPELINE, A CHLORINATION SYSTEM, A BOOSTER STATION AND A FOREBAY TANK	2001	\$715,000
0	C	12100	4210020 Santa Ynez River Water Cons. Distri	02	Construct a 3.2 MG reservoir to provide adequate storage in one pressure zone.	1998	\$3,300,000
0	C	12137	1910191 CITY OF NORWALK	01	Install new well and well head treatment. and Construction	1998	\$1,460,000
0	C	12137	1910191 CITY OF NORWALK	02	Construct a new reservoir, well and pump station. See attached discussion. Project involves: Design, and Construction	1998	\$5,825,000
0	C	13000	3510001 City of Hollister	02	Identify a more stable pipeline route and then construct a new pipeline with the use of proper restraints and well-engineered structures.	1999	\$1,278,000
0	C	13000	3510001 City of Hollister	07	All deficiencies should be carefully evaluated and corrected.	1998	\$150,000
0	C	13000	3510001 City of Hollister	11	Identify a more stable pipeline route and construct a new pipeline with adequate restraints and supports.	2000	\$1,366,000
0	C	13000	3510001 City of Hollister	05	Design and construct a modern reservoir to replace the existing one.	2000	\$265,000
0	C	14000	1910130 QUARTZ HILL WATER DIST.	01	Purchase and installation of hypochlorite generators.	1998	\$100,000
0	C	16000	3710030 Riverview WD	03	Planning studies are required to completely define the problem. The purpose of this pre application is to establish priorities.	1998	\$250,000
0	C	18000	1910073 LOMITA-CITY, WATER DEPT.	02	Design and construction of 7 MG water storage.	1998	\$4,000,000
0	C	18650	4410014 San Lorenzo Valley Wtr Dist	01	Build a surface water treatment plant on a new site and also provide treatment for iron, manganese, and hardness in the Olympia Wellfield.	1998	\$8,040,000
0	C	19734	3710026 Valley Center MWD	01	2,400' of 16" line, 3-MG steel reservoir (Shadow Ridge).	1998	\$2,000,000
0	C	20000	4110024 East Palo Alto Water Wrks Dist	01	Replace rusted old and undersized water mains with new min. 8" mains to eliminate health hazard and risk of failure.	1999	\$1,100,000
0	C	20000	4110024 East Palo Alto Water Wrks Dist	02	Design and construct a facility on site to treat high iron and magnese conctect to a safety level in order to use as the back-up source during emergency when San Francisco Water is not available.	1999	\$500,000
0	C	21500	4110018 City of Millbrae	03	Seismically upgrade storage tanks and recoat interior and exterior surfaces	2000	\$2,000,000
0	C	21500	4110018 City of Millbrae	02	Install pump station to pump water from lower zone to upper zone.	1999	\$375,000
0	C	21500	4110018 City of Millbrae	01	Replace system sections that are undersized and deteriorated,	1998	\$450,000
0	C	22000	5610009 PORT HUENEME WATER DEPT	05	Replace two cast iron mains with PVC C9000		\$3,000,000
0	C	22766	3010055 Capistrano Beach WD	02	Design and construction of a groundwater recovery facility.	1998	\$5,000,000
0	C	22766	3010055 Capistrano Beach WD	01	The District proposes to construct a new 2 million gallon reservoir at the current reservoir's site.	1998	\$2,000,000
0	C	23034	1910212 SCWC - SOUTH ARCADIA	01	REPLACE UNDERSIZED MAINS	1998	\$70,000
0	C	23034	1910212 SCWC - SOUTH ARCADIA	02	INSTALL GAC FILTERS ON WELL #1 AND BLEND ITS OUTPUT WITH WELL #2 AND #3	1998	\$800,000

**SRF Category: M**

Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
0	C	24000	1910154 SOUTH PASADENA-CITY, WATER DEPT.	08	Design and construct water treatment facility to remove increasing levels of PCE and nitrate from pumped ground water.	1998	\$4,500,000
0	C	24000	1910154 SOUTH PASADENA-CITY, WATER DEPT.	07	Rehabilitate well to isolate contaminated zones in the aquifer and install denitrification system. Project involves: Design, and Construction	1998	\$350,000
0	C	24000	1910154 SOUTH PASADENA-CITY, WATER DEPT.	02	Design and construct a replacment reservoir.	1998	\$2,000,000
0	C	24704	3310025 Norco, City of	03	Design, drill and equip additional well in Temescal Basin, including required transmission main.	1998	\$350,000
0	C	24704	3310025 Norco, City of	02	To reduce system demand, a pumping station and transmission main will be constructed to return up to 2 MGD of recycled water from the WRCWA regional sewage treatment plant for irrigation purposes.	1998	\$550,000
0	C	24704	3310025 Norco, City of	01	Construction of 4 MG reservoir to maintain adequate reserve capacity.	1998	\$4,400,000
0	C	25000	3310044 Rubidoux CSD	01	Construct a 5 MG water storage reservoir.	1998	\$1,800,000
0	C	25000	3310044 Rubidoux CSD	02	Construct 3-1,500 gpm wel pumping plants and a 4,500 gpm nitrate treatment facility..	1998	\$7,900,000
0	C	25000	3310044 Rubidoux CSD	03	The district master plan recommends construction of 11,000 L.F. of 24" pipeline to alleviate the low pressure problems, provide adequate water service, and to provide adequate fire flow.	1998	\$1,600,000
0	C	25427	1910204 LOS ANGELES CO WW DISTRICT 29 & 80-	07	INSTALL PERMANENT EMERGENCY BACK-UP GENERATORS TO KEEP OUR TWO MAJOR PUMP STATIONS OPERATIONAL DURING POWER OUTAGES.	1999	\$600,000
0	C	25427	1910204 LOS ANGELES CO WW DISTRICT 29 & 80-	04	ERECT A TEMPORARY 0.1 MG TANK, REMOVE THE EXISTING RESERVOIR, AND CONSTRUCT A NEW 0.250 MG RESERVOIR.	1999	\$800,000
0	C	26800	4810001 City of Benicia	03	Perform seismic and coating evaluation, design and construct improvements.	1998	\$200,000
0	C	26800	4810001 City of Benicia	01	Install booster pump to cycle reservoir contents and repair roof.	1998	\$267,500
0	C	26800	4810001 City of Benicia	15	Corrosion survey of entire pipeline and repairs to Cordelia pipeline.	1998	\$115,000
0	C	26800	4810001 City of Benicia	11	Design and construction of new pump station with additional capacity and reliability improvements.	2001	\$1,225,000
0	C	26800	4810001 City of Benicia	12	DESIGN AND CONSTRUCTION OF A NEW 24 INCH PIPELINE AND OTHER MODIFICATIONS TO EXTEND ZONE II TO THE WEST TO SERVICE THE AREA.	2001	\$710,000
0	C	26800	4810001 City of Benicia	09	Design and construction of pump station improvements to increase capacity and increase reliability.	2000	\$620,000
0	C	26800	4810001 City of Benicia	10	Design and construction of a 2,000 foot long, 24 inch pipeline in Bayshore Road to parallel the existing pipeline.	2000	\$710,000
0	C	26800	4810001 City of Benicia	20	Structural and seismic improvements to the tower will be designed and constructed.	1998	\$260,000
0	C	26800	4810001 City of Benicia	17	Replace pipelines with new ductile iron pipe to bolster the distribution system.	2002	\$1,029,000
0	C	26800	4810001 City of Benicia	08	Design and install integrated SCADA/telemetry system for the pump station and WTP/	2001	\$915,000
0	C	26800	4810001 City of Benicia	19	Design and install permanent emergency power facilities at Rose Drive Pump station.	1999	\$100,000
0	C	28000	1910128 COVINA IRRIGATION CO.	05	BUILD A NITRATE TREATMENT AND BRINE DISPOSAL FACILITY TO TREAT MORE THAN ONE WELL AT THE FACILITY	1998	\$4,000,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
0	C	28000	1910128 COVINA IRRIGATION CO.	01	REPLACE ENTIRE SECTION ALONG THE PUBLIC RIGHT OF WAY	1998	\$800,000
0	C	28000	1910128 COVINA IRRIGATION CO.	04	REROUTE FLOW THROUGH AN ENCLOSED GRAVITY PIPELINE	1998	\$3,000,000
0	C	28000	1910128 COVINA IRRIGATION CO.	03	DETERMINE COURSE OF ACTION ( ie. ENCASE OR REROUTE CONDUIT; DESIGN AND CONSTRUCT)	1998	\$5,000,000
0	C	28310	5610011 City of Santa Paula	05	Design & construct 9,000 lineal feet of 8 inch dist. Mains including services, hydrants, air/vac, blowoffs & contract mgmnt.	2002	\$842,400
0	C	28310	5610011 City of Santa Paula	06	Purchase propoert, design, construct and inspect construction of a 2.75 MG reservoir in the 200 Pressure Zone.	1998	\$2,200,000
0	C	28310	5610011 City of Santa Paula	07	Purchase property, design, construct, and inspect construction of a 0.50 MG reservoir in the 400 East Zone.	1998	\$400,000
0	C	28310	5610011 City of Santa Paula	02	Design & construct 9,000 lineal ft. of 8 inch distr. Main including services, hydrants, air/vac valves, blowoffs & contract mgmnt./inspection services.	1999	\$842,400
0	C	28310	5610011 City of Santa Paula	04	Design & construct 9,000 lineal feet of 8 inch dist. Mains including services, hydrants, air/vac valves, bklowoffs & contract mgmnt.	2001	\$842,400
0	C	28310	5610011 City of Santa Paula	03	Design & construct 9,000 lineal feet of 8 inch distribution main, including services, hydrants, air/vac valves, blowoffs & contract mgmnt.	2000	\$842,400
0	C	28310	5610011 City of Santa Paula	08	Purchase property, design,construct and inspect construction of a 0.25 MG reservoir in the 400 East Zone.	1999	\$200,000
0	C	28310	5610011 City of Santa Paula	01	Design & construct 9,000 lineal feet of 8 inch dist. Mains, including services, hydrants, air/vac valves, blowoffs, contract mgmnt./inspection services. Can be ready to construct July 1998.	1998	\$842,400
0	C	29500	3010030 Capistrano Valley WD	01	Construct 2 MG demineralization plant, well field & transmission piping.	1998	14,000,000
0	C	29500	3010030 Capistrano Valley WD	02	Construct new well in Trabuco Creek (North) area of District.	1998	\$276,000
0	C	29500	3010030 Capistrano Valley WD	03	Construct 2 MG reservoir and transmission main to link into distribution system.	1998	\$1,815,000
0	C	29700	1510017 INDIAN WELLS VALLEY W.D.	02	INSTALL NEW PIPELINES IN THE EASTERN PORTION AND CONSTRUCTION A STORAGE TANK IN THIS AREA. OTHER -DESIGN AND CONSTRUCTION	2000	11,975,000
0	C	30310	3610003 APPLE VALLEY RANCHOS WC	06	Construct new reservoir	1999	\$800,000
0	C	30310	3610003 APPLE VALLEY RANCHOS WC	08	Construct new booster facility	1998	\$200,000
0	C	30310	3610003 APPLE VALLEY RANCHOS WC	02	Replace mainline	1999	\$1,000,000
0	C	30310	3610003 APPLE VALLEY RANCHOS WC	04	Construct new well	2000	\$800,000
0	C	30310	3610003 APPLE VALLEY RANCHOS WC	05	Design new reservoir	1998	\$400,000
0	C	30310	3610003 APPLE VALLEY RANCHOS WC	01	Replace mainline	1998	\$1,000,000
0	C	30310	3610003 APPLE VALLEY RANCHOS WC	03	Construct new well	1999	\$200,000
0	C	31220	4110021 Estero Muni Improvement Dist	01	Desgin and Construct alternative water supply main to redundant SFWD supply.	1999	20,000,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
0	C	32000	1910028 CRESCENTA VALLEY CWD	04	Replace the existing 11 wells with up to 16 new wells of modern design and construction to replace existing production.	2000	11,069,460
0	C	32000	1910028 CRESCENTA VALLEY CWD	01	Rehabilitation of the 13 reservoirs. Project involves: Design, and Construction	1998	\$2,416,695
0	C	33500	1910098 SCWC - NORWALK	03	CEMENT LINING WATER MAINS IN CRITICAL AREAS.	1998	\$320,000
0	C	33500	1910098 SCWC - NORWALK	01	INSTALL PAT OR GAC FACILITIES FOR VOC REMOVAL AT DACE SITE.	1998	\$300,000
0	C	33500	1910098 SCWC - NORWALK	05	INSTALL CHLORINATION TURNOUTS AT MWD CONNECTION	1998	\$30,000
0	C	33500	1910098 SCWC - NORWALK	04	REPLACE WATER MAINS IN CRITICAL AREAS	1998	\$600,000
0	C	33500	1910098 SCWC - NORWALK	02	INSTALL PAT OR GAC FACILITIES FOR VOC REMOVAL AT IMPERIAL SITE.	1998	\$300,000
0	C	33765	4210016 CAL. CITIES - ORCUTT	06	Replace 2400 feet of water main.	1998	\$154,000
0	C	34028	1910024 SCWC - CLAREMONT	01	REPLACE OR ABANDON UNDERSIZED MAINS OVER A 2 YEAR PERIOD	1998	\$300,000
0	C	36000	1910004 SCWC - ARTESIA	06	INSTALL CHLORINATION TURNOUTS AT MWD CONNECTION	1998	\$30,000
0	C	36000	1910004 SCWC - ARTESIA	04	CEMENT LINING WATER MAINS IN CRITICAL AREAS.	1998	\$400,000
0	C	36000	1910004 SCWC - ARTESIA	05	REPLACE WATER MAINS IN CRITICAL AREAS	1998	\$800,000
0	C	36600	1910030 SCWC - CULVER CITY	02	CEMENT LINING WATER MAINS IN CRITICAL AREAS.	1998	\$320,000
0	C	36600	1910030 SCWC - CULVER CITY	01	CONSTRUCT A NEW WELL IN A UNCONTAMINATED AQUIFER. STUDY WATER QUALITY TO DETERMINE POTENTIAL NEED FOR TREATMENT.	1998	\$1,000,000
0	C	36600	1910030 SCWC - CULVER CITY	04	INSTALL CHLORINATION TURNOUTS AT MWD CONNECTION	1998	\$45,000
0	C	36600	1910030 SCWC - CULVER CITY	03	REPLACE WATER MAINS IN CRITICAL AREAS	1998	\$700,000
0	C	37670	4110025 North Coast County Water Dist	02	Construct intertie with the City of San Bruno which will be second source of supply.	1999	\$3,125,000
0	C	37670	4110025 North Coast County Water Dist	03	Construct loop to bring second supply line to this area.	1999	\$425,000
0	C	37670	4110025 North Coast County Water Dist	01	Replace wooden tank with new steel .	1998	\$818
0	C	37670	4110025 North Coast County Water Dist	04	Abandon tank and construct new waterline to serve area.	1998	\$250,000
0	C	38000	3010091 Los Alisos Water District	02	By equipping water wells with emergency power receptacles , portable generators could safely supply electrical power to the wells, which are the Districts only alternative to imported water.	1998	\$100,000
0	C	38000	3010091 Los Alisos Water District	03	Development of water supplies within LAWD , i.e. water wells would reduce the reliance on a single source of water. LAWD is continuing to construct wells in cooperation with DHS for the purpose of providing a water supply for emergency use.	1998	\$500,000
0	C	38000	3010091 Los Alisos Water District	04	Development of water supplies within LAWD i.e. water wells would reduce the reliance on a single source of water. LAWD is continuing to construct wells in cooperation with DHS.	1998	\$550,000
0	C	38000	3010091 Los Alisos Water District	05	Install emergency power generators at District's two key pump stations to move water from the LAWD emergency storage reservoirs to the upper hydraulic zones.	1999	\$200,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
0	C	38000	3010091 Los Alisos Water District	06	A study would have to be performed to determine the most efficient method of retrofitting the Baker Filtration Plant so that raw water could be treated to domestic quality meeting HD Standards.	2000	\$2,000,000
0	C	38754	5610019 CAMARILLO WATER DEPT	03	Construct a 4 MG water storage reservoir which will provide peak storage capacity for pressure zones 1 and 2.	1998	\$4,804,000
0	C	39000	4110023 City of San Bruno	07	Purchase five trailer mounted portable diesel powered electrical generators that would be stationed at each well head.	1998	\$300,000
0	C	39000	4110023 City of San Bruno	03	Upgrade the existing dome ring with high strength threadbars and floating anchors placed outside the existing dome ring. Upgrade wall prestressing, Rehabilitate the footing base connected to withstand seismic loads.	1998	\$487,000
0	C	40000	4410017 Soquel Creek Water District	10	Install reservoir - 50,000 gallon welded steel tank.	1998	\$900,000
0	C	40000	4410017 Soquel Creek Water District	24	Replace pipes.	2002	\$957,800
0	C	40000	4410017 Soquel Creek Water District	25	Replace pipes.	1999	\$2,011,400
0	C	40000	4410017 Soquel Creek Water District	16	Replace pipes.	2002	\$2,021,400
0	C	40000	4410017 Soquel Creek Water District	23	Replace pipes.	2001	\$2,186,000
0	C	40000	4410017 Soquel Creek Water District	18	Replace problem pipes.	1998	\$1,440,000
0	C	40000	4410017 Soquel Creek Water District	19	Replace distribution pipes.	2000	\$735,700
0	C	40000	4410017 Soquel Creek Water District	11	Replace reservoir with 500,000 gallon steel reservoir at Vista Del Mar Site.	1998	\$520,000
0	C	40000	4410017 Soquel Creek Water District	01	Projects were constructed after 7/93--design and permit costs came before 7/93.	1998	\$4,000,000
0	C	40000	4410017 Soquel Creek Water District	21	Replace pipes.	1999	\$866,400
0	C	40000	4410017 Soquel Creek Water District	22	Replace pipes.	2000	\$1,989,000
0	C	40000	4410017 Soquel Creek Water District	17	Replace pipes.	1998	\$819,300
0	C	40000	4410017 Soquel Creek Water District	20	Replace pipes.	1998	\$2,553,800
0	C	42000	1910139 CAL. AMERICAN WATER CO.- SAN MARINO	01	(See attached description, design report, and preliminary plans and specifications).	1998	\$600,000
0	C	42000	3710029 Olivenhain MWD	01	Olivinahain has completed all environmental studies and received all state and federal permits for 82 MGD plant. Pilot studies shall be commenced in early summer of 1997.	1998	30,000,000
0	C	42000	1910139 CAL. AMERICAN WATER CO.- SAN MARINO	02	Design and construct GAC treatment plant and all other appurtenant piping and equipment.	2000	\$850,000
0	C	44917	1910059 SUBURBAN WATER SYSTEMS- LA MIRADA	01	PHASE 1 OF 2: DEMOLITION AND PREPARATION WORK	1999	\$850,000
0	C	44917	1910059 SUBURBAN WATER SYSTEMS- LA MIRADA	02	PHASE 2 OF 2: REPLACE ROOF	1999	\$850,000



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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
0	C	45000	3410021 San Juan Suburban Water District	02	Install a 12-inch pipeline up to the tank and refurbish the existing tank, which belongs to a neighboring water agency. The neighboring water agency does not use the tank and they have agreed to let SJWD use it. Also requires four new 60 hp pumps.	1998	\$500,000
0	C	48418	3610038 RIALTO-CITY	01	Construct new reservoir	1998	\$6,000,000
0	C	49000	3610036 CITY OF CHINO HILLS	19	Upgrade Carbon Cyn PRV	2000	\$125,000
0	C	49000	3610036 CITY OF CHINO HILLS	12	Construct new 24inch main in Central Ave to increase capacity	1998	\$775,000
0	C	49000	3610036 CITY OF CHINO HILLS	20	Loop mainlines	2001	\$160,000
0	C	49000	3610036 CITY OF CHINO HILLS	16	Construct new 24inch transmission line Schaefer Ave	1999	\$700,000
0	C	49000	3610036 CITY OF CHINO HILLS	01	Construct new 30 in mainline	1998	\$1,000,000
0	C	49000	3610036 CITY OF CHINO HILLS	22	Modify booster B-1	1998	\$1,500,000
0	C	49000	3610036 CITY OF CHINO HILLS	23	Expand boosters B-5 and B-6 for backup capacity	1998	\$750,000
0	C	49000	3610036 CITY OF CHINO HILLS	14	Construct new main to Reservoir R-23	1999	\$65,000
0	C	49000	3610036 CITY OF CHINO HILLS	11	Drill 8 to 14 new wells	1998	\$5,390,000
0	C	49000	3610036 CITY OF CHINO HILLS	05	Construct 5 MG reservoir R21	1998	\$2,500,000
0	C	49000	3610036 CITY OF CHINO HILLS	06	Construct reservoir R23	1998	\$1,125,000
0	C	49000	3610036 CITY OF CHINO HILLS	24	Expand booster B-9 for backup capacity	1998	\$1,000,000
0	C	49000	3610036 CITY OF CHINO HILLS	21	Construct new main to supply R-22	2001	\$45,000
0	C	49000	3610036 CITY OF CHINO HILLS	09	Construct new booster station B-11	2000	\$3,125,000
0	C	49000	3610036 CITY OF CHINO HILLS	10	Replace older transmission mains	1998	\$625,000
0	C	49000	3610036 CITY OF CHINO HILLS	15	Construct 2 MG reservoir R22	2000	\$1,125,000
0	C	49000	3610036 CITY OF CHINO HILLS	17	Modify existing booster station B-7	2000	\$1,625,000
0	C	49000	3610036 CITY OF CHINO HILLS	03	Replace undersized transmission line	1998	\$1,050,000
0	C	49000	3610036 CITY OF CHINO HILLS	08	Construct new booster station to supply R21	1999	\$1,000,000
0	C	49000	3610036 CITY OF CHINO HILLS	18	Loop mainlines	2001	\$280,000
0	C	49000	3610036 CITY OF CHINO HILLS	13	Construct new main to Reservoir R-19 and R-20	1998	\$475,000
0	C	49288	1910174 SUBURBAN WATER SYSTEMS-WHITTIER	01	PHASE 1 OF 2: DEMOLITION AND PREPARATION WORK	2001	\$950,000
0	C	49288	1910174 SUBURBAN WATER SYSTEMS-WHITTIER	02	PHASE 2 OF 2: CONSTRUCTION OF A NEW ROOF	2002	\$550,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
0	C	50000	1910044 GLENDORA-CITY, WATER DEPT.	02	Replace the 20" line with a 30" Ductile Iron line with greater volume and pressure for fire protection as well as providing more well water and less reliance on import treated.	1998	\$4,500,000
0	C	50000	1910044 GLENDORA-CITY, WATER DEPT.	01	Utilize a VOC preliminary study to begin design and eventually construct a treatment facility to have the opportunity to pump from the main basin, offsetting import water costs. FY: 98/99 or 99/00	1998	\$800,000
0	C	50486	1910142 SCWC - SAN DIMAS	01	REPLACE UNDERSIZED MAINS OVER A 2 YEARS PERIOD	1998	\$385,000
0	C	50820	3010079 El Toro Water District	05	Replacement of floating cover	2002	\$4,500,000
0	C	50820	3010079 El Toro Water District	04	Drilling wells and conveyance system	2001	\$4,500,000
0	C	51120	0110003 CALIFORNIA WATER SERVICE - LIVERMOR	01	Stations 10, 12, 17, and 19. Design and construct blending controls to assure proper operation of facilities, so that standards are met at all times.	1999	\$120,000
0	C	52100	3010046 City of Tustin	02	The City is proposing to construct a new concrete reservoir with a capacity of 7.0 MG	1998	\$6,600,000
0	C	52100	3010046 City of Tustin	01	Removing soil from the roof and installation a waterproof cement based slurry on the roof deck. The columns will be repaired by providing additional ties, vertical reinforcement and concrete cover around the columns. Ret.walls will be removed and rep	1998	\$476,000
0	C	52100	3010046 City of Tustin	04	Repairs will consist of installing a new top slab on the existing reservoir along with repairs to the columns and roof beams. A hypalon liner is proposed for the floor and side slopes of the reservoir after the existing roots have been removed and th	1998	\$670,000
0	C	54670	4310001 CWS Los Altos Suburban	01	Design and construct a nitrate treatment facility and appropriate piping system.	1999	\$1,500,000
0	C	54670	4310001 CWS Los Altos Suburban	02	Design and construct a nitrate treatment facility and appropriate piping system.	2001	\$1,500,000
0	C	55000	2110003 North Marin Water District	15	STUDY NEEDS, IMPLEMENT AS APPROPRIATE.	2001	\$100,000
0	C	56000	4310009 City of Palo Alto	08	Contract a new intertie to Hetch-Hetchy Division tubes 3 & 4 to add second feed into Hospital Zone.	1998	\$1,800,000
0	C	56000	4310009 City of Palo Alto	04	Install variable frequency drives and water treatment to connect wells to standby wells.	1998	\$1,200,000
0	C	56000	4310009 City of Palo Alto	02	Extend a SCVWD line from Mt. View to Palo Alto along the Foothill Expressway.	1998	\$3,000,000
0	C	56000	4310009 City of Palo Alto	06	A two million gallon reservoir is needed to improve storage.	1998	\$4,000,000
0	C	56000	4310009 City of Palo Alto	01	Replace water mains.	1998	\$2,200,200
0	C	56000	4310009 City of Palo Alto	05	Construct a new return pipe from Montbello reservoir to pressure zone 1.	1998	\$2,000,000
0	C	60000	5610024 CASITAS MUNICIPAL WATER DIST	01	Construction of a 2 MG water storage tank on the Rincon Main.	1999	\$2,000,000
0	C	60000	1910225 LAS VIRGENES MWD	01	Evaluate the potential new pipe alignments and construct a permanent replacement pipeline. Project involves: Study, Design, and Construction	1998	\$1,500,000
0	C	60000	1910225 LAS VIRGENES MWD	02	Install approximately 4 - 5 miles of a replacement pipe in street right of way. Project involves: Study, Design, and Construction	2000	\$4,500,000
0	C	60000	5610024 CASITAS MUNICIPAL WATER DIST	03	Coastal pipelione from a location near city of ventura, extending northward and connecting the coastal communities.	1998	\$8,000,000
0	C	70500	2810003 Napa, City of	03	Construct new 5 MG treated water reservoir at the Napa State Hospital site.	2000	\$3,080,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
0	C	70500	2810003 Napa, City of	04	Construct new 4 MG treated water storage reservoir at the "A" tank site.	1999	\$2,000,000
0	C	70650	1910104 CAL. WATER SERVICE CO-PALOS VERDES	01	DESIGN AND CONSTRUCT A SECOND LIFT TRANSMISSION MAIN TO PROVIDE GREATER RELIABILITY OF THIS COMMUNITY'S WATER SUPPLY.	2000	\$3,200,000
0	C	72987	4310007 City of Mountain View	07	Prepare environmental and construction documents to install a new 2.1 million gallon reservoir.	1998	\$307,000
0	C	72987	4310007 City of Mountain View	08	Construction of a new 2.1 million gallon reservoir.	1998	\$2,200,000
0	C	72987	4310007 City of Mountain View	14	Design and construction of upgrade of Miramonte pump station.	1998	\$852,000
0	C	72987	4310007 City of Mountain View	11	Upgrading older, smaller diameter, and deteriorating mains from 1993-1996.	1998	\$2,457,000
0	C	72987	4310007 City of Mountain View	15	Design and construction of upgrades of pump station - variable frequency drive motors, automated controls, standby power, etc.	1998	\$1,749,000
0	C	72987	4310007 City of Mountain View	06	Water main replacement throughout the water system.	1998	13,900,000
0	C	72987	4310007 City of Mountain View	01	Construction of the wells.	1998	\$1,100,000
0	C	72987	4310007 City of Mountain View	13	Installed automatic valves, a variable frequency drive, and a waste cycle at Well #9.	1998	\$170,000
0	C	72987	4310007 City of Mountain View	03	Design and construction of well #21 for pressure zone 1 of water system.	1998	\$375,000
0	C	72987	4310007 City of Mountain View	02	Design and construct two new wells and one new reservoir to meet demand.	1998	\$110,000
0	C	78120	3010064 City of Westminster	06	Install a SCADA system to improve pressure system wide, accommodate MWD MWDOC and OCWD, and to assist in the "Seasonal Storage Program".		\$200,000
0	C	78120	3010064 City of Westminster	03	Perform a seismic study of Reservoir 1 and Reservoir 2.	1998	\$100,000
0	C	78120	3010064 City of Westminster	13	Replace gaseous chlorine with on- site chlorine generating stations at 9 well sites and 2 pumping stations thus eliminating the accidental release of chlorine gas.		\$330,000
0	C	78120	3010064 City of Westminster	01	Install new 12" pipe to improve flow and loop the water system .		\$50,000
0	C	78120	3010064 City of Westminster	10	Replace approx 18,380 feet of 4" water main lines with 8" water main lines to improve water flow and pressure.	1998	\$2,678,877
0	C	78120	3010064 City of Westminster	11	Replace 750 leaking and inoperable water main line valces over a five year period.	1998	\$450,000
0	C	81000	3010101 Santa Margarita Water District	01	Design and construction of new wells, treatment facilities, storage tank and piping systems to serve public and private systems along upper San Juan Creek area.	1998	\$6,460,000
0	C	85000	1910102 PALMDALE WATER DIST.	01	Replace leased lines with broad-spectrum radio communication.	1998	\$180,000
0	C	85000	1910102 PALMDALE WATER DIST.	06	Enclose approximately 1000 feet of Palmdale Ditch adjacent to an existing trailer park. Project involves: Design to solve problem, and Construction	1999	\$300,000
0	C	85000	1910102 PALMDALE WATER DIST.	07	Enclose approximately 2000 feet of Palmdale Ditch between Barrel Springs Road and Palmdale Reservoir adjacent to existing development.	1998	\$600,000
0	C	89591	1910205 SUBURBAN WATER SYSTEMS-SAN JOSE	04	PHASE 2 OF 3: DEMOLITION OF THE EXISTING RESERVOIR AND CONSTRUCTION OF A NEW 2 MG CONCRETE RESERVOIR	1999	\$980,000

**SRF Category: M**

Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
0	C	89591	1910205 SUBURBAN WATER SYSTEMS-SAN JOSE	01	DRILL A 2000 GPM REPLACEMENT WELL	1998	\$975,000
0	C	89591	1910205 SUBURBAN WATER SYSTEMS-SAN JOSE	06	PHASE 1 OF 2: DEMOLITION AND GRADING	2000	\$700,000
0	C	89591	1910205 SUBURBAN WATER SYSTEMS-SAN JOSE	07	PHASE 2 OF 2: CONSTRUCTION AND SITE WORK	2001	\$900,000
0	C	89591	1910205 SUBURBAN WATER SYSTEMS-SAN JOSE	02	DRILL A 3500 GPM WELL TO REPLACE LOST CAPACITY	1999	\$990,000
0	C	89591	1910205 SUBURBAN WATER SYSTEMS-SAN JOSE	03	PHASE 1 OF 3: CONSTRUCT A 1 MG CONCRETE RESERVOIR	1998	\$950,000
0	C	89591	1910205 SUBURBAN WATER SYSTEMS-SAN JOSE	05	PHASE 3 OF 3: SITE WORK SUCH AS DRIVEWAYS AND TREES TO COMPLETE PROJECT	2000	\$350,000
0	C	91000	1910034 CITY OF DOWNEY	04	Designed and constructed 12 inch water distribution mains.	1998	\$121,851
0	C	91000	1910034 CITY OF DOWNEY	03	Designed and constructed 12 inch water distribution mains.	1998	\$223,263
0	C	91000	1910034 CITY OF DOWNEY	01	Designed and constructed 12 inch water distribution mains.	1998	\$414,529
0	C	91000	1910034 CITY OF DOWNEY	02	Designed and constructed 12 inch water distribution mains.	1998	\$42,100
0	C	96000	1910234 WALNUT VALLEY WATER DISTRICT	01	INSTALL NEW PIPING AND VALVES AT THE RESERVOIR SITES TO FORCE FLOW-THROUGH AND KEEP WATER FRESH	1998	\$1,418,000
0	C	96000	1910234 WALNUT VALLEY WATER DISTRICT	02	INSTALL CORRECTLY SIZED BLOW-OFF FACILITIES, REMOVE DEAD-END MAINS THAT SERVE NO PURPOSE.	1998	\$348,000
0	C	98300	4310012 City of Santa Clara	01	Demolish and reconstruct 11 well heads.	1998	\$1,275,000
0	C	98300	4310012 City of Santa Clara	02	Purchase and install ground motion sensors and motor activated valves at seven tank outlets. This will include ancillary pipe reconstruction and SCADA expansion.	1998	\$1,050,000
0	C	1E+05	1910213 TORRANCE-CITY, WATER DEPT.	04	Institute a phased pipeline improvement program to replace pipelines having a history of frequent breaks, are beyond their useful life or are failing due to other external factors such as ccorrosive soils. Project involves: Design, and Construction	1998	13,208,000
0	C	1E+05	1910213 TORRANCE-CITY, WATER DEPT.	01	Construct a new above-grade pumping station that complies with current OSHA safety requirements and provides more groundwater pumping capacity. Project involves: Design, and Construction	1998	\$1,240,000
0	C	1E+05	3010073 Moulton Niguel Water District	02	Replace easement pipelines with ductile iron pipe with restraint joints, increasing reliability.	2001	\$3,000,000
0	C	1E+05	3010073 Moulton Niguel Water District	05		1998	\$2,500
0	C	1E+05	3010073 Moulton Niguel Water District	08	Drill two wells to provide up to 2 cfs of water for health and safety demands during a long term outage.	1999	\$2,300,000
0	C	1E+05	3010073 Moulton Niguel Water District	04	Constructing a new parallel sewer forceman in Crown Valley Parkway.	2001	\$2,000,000
0	C	1E+05	3010073 Moulton Niguel Water District	06	Construction of a new 16-inch parallel pipeline in Crown Valley Parkway.	2001	\$4,000,000
0	C	1E+05	3010073 Moulton Niguel Water District	01	Construct 100 million gallon drinking water storage facility	2000	45,000,000

**SRF Category: M**

Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
0	C	1E+05	3010073 Moulton Niguel Water District	03	Construction of a new 24" forcemain in a new safe location.	2001	\$3,000,000
0	C	1E+05	1910126 POMONA- CITY, WATER DEPT.	07	MANIFOLD PIPELINE WAS CONSTRUCTED TO GATHER NITRATE LADEN WATER FROM VARIOUS WELL SITES TO THE ANION EXCHANGE NITRATE REMOVAL FACILITY.	1998	\$576,000
0	C	1E+05	1910126 POMONA- CITY, WATER DEPT.	03	INSTALL AIR STRIPPERS		\$209,500
0	C	1E+05	1910126 POMONA- CITY, WATER DEPT.	02	CONSTRUCT PIPELINE TO TAKE WATER FROM WELL SITE TO MEET MANIFOLD PIPELINE AND THEN TO ANION EXCHANGE NITRATE REMOVAL FACILITY	1998	\$222,000
0	C	1E+05	1910126 POMONA- CITY, WATER DEPT.	08	CONSTRUCT PIPELINE TO TAKE WATER FROM WELL SITE TO MEET MANIFOLD PIPELINE AND THEN TO ANION EXCHANGE NITRATE REMOVAL FACILITY	1998	\$160,000
0	C	2E+05	1910124 PASADENA-CITY, WATER DEPT.	01	REPLACE WITH A NEW, BURIED, POST-TENSIONED 7.5 MG CONCRETE RESERVOIR AND MAKE NECESSARY CHANGES TO THE DISTRIBUTION SYSTEM AT THE RESERVOIR SITE.	1998	\$5,500,000
0	C	2E+05	1910048 CASTAIC LAKE WATER AGENCY	04	CONSTRUCT A NEW PIPELINE CONNECTING THE EXISTING SURFACE WATER DISTRIBUTION SYSTEM TO THE SOUTHERN PORTION OF OUR SERVICE AREA, FACILITATING THE BLENDING OF TREATED SURFACE WATER WITH THE GROUNDWATER SUPPLY.	1998	\$3,500,000
0	C	2E+05	1910048 CASTAIC LAKE WATER AGENCY	03	CONSTRUCT A NEW PIPELINE CONNECTING THE EXISTING SURFACE WATER DISTRIBUTION SYSTEM TO THE EASTERN PORTION OF OUR SERVICE AREA, FACILITATING THE BLENDING OF TREATED SURFACE WATER WITH THE GROUNDWATER SUPPLY.	1998	20,000,000
0	C	2E+05	2110002 Marin Municipal Water District	01	replace any average two tanks a year. With other types of storage,	2003	\$3,000,000
0	C	2E+05	2110002 Marin Municipal Water District	02	Replace floating cover and configuration.	1999	\$1,000,000
0	C	2E+05	3010053 City of Huntington Beach	07	Undertake structural improvements to bring the facility up to seismic standards.	1998	\$3,000,000
0	C	2E+05	3010053 City of Huntington Beach	04	To construct emergency back-up systems for Well nos. : 5, 6, 9, 10, and 1. Also Emergency generator for Dyke Well(electric well)	1998	\$400,000
0	C	2E+05	3010053 City of Huntington Beach	06	To develop additional reservoir facilities City-wide to make up the shortage of water storage capacity. This project will add approximately 10.4 million gall. of storage capacity, booster pump connection to the transmission main at a new reservoir si	1998	10,000,000
0	C	2E+05	3010053 City of Huntington Beach	08	Modify the existing facilities and systems to meet code requirements and the City's standardized system wide chlorination requirements for existing and new facilities.	1998	\$900,000
0	C	2E+05	3010053 City of Huntington Beach	05	Construct flouridation system for two of the facilities (No 9 and No 44) and modify the existing facility (No35) to meet current requirements.	1998	\$600,000
0	C	2E+05	3010053 City of Huntington Beach	03	Installation of water treatment facilities at these well sites (possibly ozone or RO systems) should reduce or eliminate these problems.	1998	\$5,000,000
0	C	2E+05	3010053 City of Huntington Beach	01	Water main replacement projects to replace old and deficient pipelines at various locations throughout the City.	1998	\$2,000,000
0	C	2E+05	3010053 City of Huntington Beach	09	Construct a replacement well facility . Proposed Well No. 12 is located in the vicinity of Peck Reservoir, where it is anticipated the water will be stored.	1998	\$2,000,000
0	C	2E+05	0710003 Contra Costa Water District	15	Replace existing pipes which experience significant leak repair incidents; or undersized fire flow and distribution capacity; relocation of existing pipelines as legally required.	2000	\$9,844,000
0	C	2E+05	0710003 Contra Costa Water District	08	Replace mains on a prioritized basis.	1998	\$2,000,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
0	C	2E+05	0710003 Contra Costa Water District	03	Construction of a new 48-inch diameter pipeline parallel to the existing pipeline and a new inlet structure.	1998	\$1,700,000
0	C	2E+05	0710003 Contra Costa Water District	07	Nineteen storage projects will be implemented over a ten year period to serve existing customers.	1998	40,600,000
0	C	2E+05	0710003 Contra Costa Water District	06	Plan, design and construct structural improvements.	1998	\$7,000,000
0	C	8E+05	3810001 SF Public Utilities Commission	63	Design and construct expansion of SVWTP to 240 mgd; treated water reservoir; solids handling facilities; and pipelines and pump station expansion.	1999	65,100,000
0	C	8E+05	3810001 SF Public Utilities Commission	48	Provide seismic anchorage for these water tanks. Provide flexible connections between the tanks, the inlet and outlet piping.	1998	\$3,200,000
0	C	8E+05	3810001 SF Public Utilities Commission	62	Design and construct expansion of SVWTP to 240 mgd treated water reservoir solids handling facilities and pipelines and pump station expansion.	1998	14,670,000
0	C	8E+05	3810001 SF Public Utilities Commission	25	PROVIDE A NEW SUNSET FEEDER MAIN. BUILD PRESSURE REDUCING STATION AND MAKE CONNECTIONS TO THE UM SYSTEM MAINS.	1998	26,000,000
0	C	8E+05	3810001 SF Public Utilities Commission	14	Replace three sections of pipeline.	1998	12,600,000
0	C	8E+05	3810001 SF Public Utilities Commission	36	Slip-line existing pipelines (put a pipe side), where possible, and to replace it where this is not feasible.	1998	90,200,000
0	C	8E+05	3810001 SF Public Utilities Commission	38	Add a fourth pipeline to the San Joaquin system.	1998	\$250,000
0	C	8E+05	3810001 SF Public Utilities Commission	43	Evaluate the need and the type of standby power needed at the various facilities.	1998	\$2,100,000
0	C	8E+05	3810001 SF Public Utilities Commission	28	relocate and upgrade the PRVs and other critical valves.	1998	\$2,620,000
0	C	8E+05	3810001 SF Public Utilities Commission	41	Build a pump station to pump water either from or to SCVWD.	1998	\$7,900,000
0	C	8E+05	3810001 SF Public Utilities Commission	06	Perform study and analysis of existing timber trestles to determine their ability to withstand future earthquakes. Develop alternatives to achieve this goal followed by design and construction of necessary work.	1998	24,610,000
0	C	8E+05	3810001 SF Public Utilities Commission	56	Design a bypass tunnel, so Hetch Hetchy water does not receive local runoff during storm events.	1998	14,548,000
0	C	8E+05	3810001 SF Public Utilities Commission	11	Reverse shift in channel by relocation of side cast quarry rock from one side to another, replace natural impediments to creek flows.	1998	\$4,000,000
0	C	8E+05	3810001 SF Public Utilities Commission	46	Determine appropriate locations needing pressure reducing valves between the northerly portion of the University Mound distribution system and adjacent higher pressure water supply system.,	1998	\$370,000
0	C	8E+05	3810001 SF Public Utilities Commission	40	Investigate areas where flexible connection should be made piping in reservoirs; replace the seals in reservoir roofs where it has been determined to deter contamination of these treated water reservoirs,	1998	70,400,000
0	C	8E+05	3810001 SF Public Utilities Commission	19	PROVIDE PARALLEL TUNNEL THAT WILL UPGRADE SYSTEM TO RELIABILITY TO AN ACCEPTABLE LEVEL. PROVIDE AN ALTERNATIVE FACILITY TO MEET THE SAME.	1998	52,000,000
0	C	8E+05	3810001 SF Public Utilities Commission	17	SEISMICALLY ANCHOR TANKS, PUMPS, AND PIPING. PROVIDE AUTOMATIC SHUT-OFF VALVES ON CHEMICAL FEED LINES AND OTHER ITEMS.	1998	\$3,925,000
0	C	8E+05	3810001 SF Public Utilities Commission	03	Replace trestles above low water where required. Replace walkways and guardrails where required. Raise elevation of support where required.	1998	\$6,650,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
0	C	8E+05	3810001 SF Public Utilities Commission	10	Review the existing piping design for effectiveness and appropriateness. Produce the plans and specifications including rearranging the connection for SVWTP.	1998	33,000,000
0	C	8E+05	3810001 SF Public Utilities Commission	12	MAKE PREPARATION OF PLANS AND SPECIFICATIONS FOLLOWED BY CONSTRUCTION WORK.	1998	\$439,000
0	C	8E+05	3810001 SF Public Utilities Commission	31	UPGRADE SWITCH GEAR, ELECTRICAL SYSTEMS, PUMPS AND OTHER ITEMS. ADD NECESSARY AUTOMATION IN FACILITIES TO SUPPORT SCADA.	1998	\$4,100,000
0	C	8E+05	3810001 SF Public Utilities Commission	42	Plan, design. And install diesel generators and buildings at critical water pumping stations.	1998	\$9,040,000
0	C	8E+05	3810001 SF Public Utilities Commission	37	Repair and re-line the portion of San Joaquin pipeline between San Joaquin river and Tesla Portal.	1998	\$3,000,000
0	C	8E+05	3810001 SF Public Utilities Commission	24	REPAIR AND REPLACE THE DETERIORATED VALVES IN ORDER OF CRITICALITY. ADD NEW VALVES FOR FLEXIBILITY ABD RELIABILITY WHERE DETERMINED.	1998	\$470,000
0	C	9E+05	4310011 San Jose Water Company	03	Replace 20 miles of aging water mains.	1998	20,000,000
0	C	1E+06	0110005 East Bay MUD	07	Modifying Piedmont, Summit and Estates Reservoir roofs. Remove the decorative pond. Double contaminent and inspection and testing of non-potable structures will be provided.	1998	\$1,134,000
0	C	1E+06	0110005 East Bay MUD	08	INSTALL RESERVOIR OVERFLOW SCREENS. IMPROVE RESERVOIR SAMPLING AND CHLORINATION FACILITIES.	1998	\$2,500,000
0	C	2E+06	4310027 Santa Clara Valley Water District	01	Replacement of the filter underdrain system with cast-in-place, monolithic, false floor, air/water nozzle system.	1998	\$2,010,000
0	C	2E+07	1910087 METROPOLITAN WATER DIST. OF SO. CAL	03	Design and construct a new outlet tower near the shoreline.	1998	65,000,000
0	P	25	3601054 FARMERS FERTILIZER	01	Construct treatment facility, repair/replace motor	1998	\$30,000
0	P	50	3901322 MANTECA INDUSTRIAL PARK WATER SYSTE	01	CONSTRUCT TREATMENT FACILITY. OTHER = DESIGN AND CONSTRUCTION	1998	\$600,000
0	p	120	4810801 Delta Conservation Camp	01	Need new storage tank.	1999	\$45,000
0	P	150	2900532 PENN VALLEY SHOPPING CENTER	01	Hook into the NID treated water system. Abandon the present well.	1998	\$140,000
0	P	200	3100077 DRY CREEK JOINT UNION SCHOOL	01	Scope and analyze recommendations. Recase or redrill a well.	1998	\$25,000
0	P	300	2700703 Calvary Church WS	01	Install seven tanks and 3000 feet of pipe.	1998	\$60,000
0	P	300	4100538 SAN FRANCISCO YMCA-JONES GULCH	03	Drilling a new well and providing pumping stations and pipeline to move water approximately 1 mile.	2000	\$50,000
0	P	425	3900756 GLENWOOD SCHOOL	01	DRILL NEW WELL AND INSTALL PUMP AND TANK	1999	\$45,000
0	P	1000	3400180 SAC CO BRANCH CENTER	01	Construct 500,000 g water storage tank with a 1,500 gpm booster station facility. Involves design and construction.	1998	\$500,000
0	P	1400	3400229 RIO COSUMNES CC	02	Construct a new 250,000 gallon water storage tank for fire protection and emergency water supply. Involves design and construction.	1998	\$250,000
0	P	1400	3400229 RIO COSUMNES CC	01	Construct a new 300 gpm well with a treatment plant for Iron, Arsenic and Manganese. Involves design and construction.	1998	\$250,000

**SRF Category: M**

Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
0	N	0	4300616 Uvas Canyon County Park	01	Replace 22,000 gallon redwood tank and well pump to provide additional water quality protection.	1998	\$75,000
0	N	25	3601016 PONDEROSA GUEST RANCH	01	Construct new storage tank, rehab well, replace mainline	1998	\$2,500,000
0	N	25	3600531 CAMP RADFORD/LA CITY R&P	01	Make wellhead repairs, construct new tank	1998	\$85,000
0	N	25	2702030 Cypress Church	01	Remove old tank, replace with a new one, and add an additional tank along with necessary water lines.	1998	\$15,000
0	N	25	2700592 Harrison Road Water System #1	01	Replace storage tank.	1998	\$5,000
0	N	70	2801080 Milton Road Water Company	01	Redesign, trench and lay new pipeline, laterals and valves.	1998	\$30,000
0	N	100	1000166 CAMP EL-O-WIN	01	BURY ALL WATER LINES BELOW THE FREEZE LINE.	2000	\$20,000
0	N	100	4901223 Sonoma County Parks-Putnam Park	01	Replace well, distribution lines, water pumps, chlorinator and tank.	1999	\$125,000
0	N	100	2702050 Church of the Good Shepherd	01	Replace tanks and pads.	1998	\$50,000
0	N	100	4100515 MARTINS BEACH	01	Modernize the existing purification system.	2001	\$50,000
0	N	100	1000159 CAMP KERN/MIRIMICHI	01	DRILL A WELL.	1998	\$22,000
0	N	120	0706004 OAKLEY MUTUAL WATER CO	01	replace as necessary.	1999	\$100,000
0	N	123	4000642 CHRISTMAS COVE COMPANY	01	Drilling a new well and providing a new storage tank with automatic chlorination, filtration and water softener.	1999	\$25,000
0	N	150	4300764 Walden West, Ofc. of Education	01	Have cross-connection test performed. Install meters. Repair steel tank - some structural modifications, new access hatch, enhance roof vent/ladder, etc.	1998	\$6,000
0	N	150	1000061 MUSICK MEADOW 2	01	CONSTRUCT ANOTHER STORAGE TANK AND IMPROVE OLD PIPELINES.	1999	\$275,000
0	N	170	3600537 CAMP TA TA POCHON	01	Construct new storage facility	1998	\$50,000
0	N	200	1000170 CAMP FRESNO JR	01	REPLACE THE OLD EXISTING STEEL PIPE AND VALVING.	1998	\$110,000
0	N	200	1502249 CAMP ST NICHOLAS WATER SYSTEM	01	MORE CAPACITY & FIRE PREVENTION FOR CAMP	2001	\$35,000
0	N	250	3600534 DE BENNEVILLE PINES INC	01	Replace mainline	1999	\$245,000
0	N	300	1000058 MUSICK CREEK TRACT	01	CONSTRUCT A NEW WELL.	1999	\$15,000
0	N	312	1000080 LOWER LINE CREEK IMPROVEMENT ASSN.	01	CONSTRUCT NEW WELL(S).	1998	\$10,000
0	N	400	1000165 CAMP CHAWANAKEE	01	INSTALL A 60,000 GALLON STORAGE TANK AND PIPELINES.	1998	\$250,000
0	N	500	4901222 Sonoma County Parks-Memorial Beach	01	Replace well, distribution lines, water pumps, chlorinator renovation.	1999	\$110,000
0	N	560	0900506 SPRING CREEK TRACT ASSOC	01	To replace the aging distribution system using larger pipe to increase flows for fire protection.	1998	\$685,000



**SRF Category: M**

Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
0	N	700	2701227 San Benancio School	01	The system would like to physically consolidate with Ambler Park Water Company.	1998	\$175,000
0	N	1000	3301149 COACHELLA VALLEY HIGH SCHOOL	01	Abandon the wells and connect water lines to City of Coachella water (attached proposal	1998	\$250,000
0	N	1000	3301238 EISENHOWER MEDICAL CENTER	01	Planning on erecting above ground steel tank - small pumping station.	1998	\$50,000
0	N	1500	3301155 COLLEGE OF THE DESERT	01	Install new.	2000	\$900,000

**Total Projects for 'Category' = M (1511 Projects)**

**Total Costs for Category: \$2,915,926,532**

SRF Category: N

Bonus	Type	Pop	System # and Name		Pre-App	Project Description	FY	Cost
40	C	210	0001402	City of Blythe, Hidden Beaches	01	Construct a transmission main pipeline connection of the water system to the City of Blythe water system.	1998	\$6,716,000
25	C	220	1502315	CAMP OWEN WATER SYSTEM	01	INSTALL FILTRATION AND WATER CONDITIONING SYSTEM AT THE SITE OF THE EAST WELL SO THAT IT CAN BE UTILIZED. REPLACE/REPAIR WATER STORAGE TANK.	1999	\$60,000
25	C	575	3600365	RIVER LAND RESORT	01	Construct treatment facility, Construct tank	1998	\$100,000
25	C	800	2500801	Newell County Water District	01	Drill new wells in a strata that meets the MCL for iron and manganese. Replace failing distribution system.	1998	\$275,000
25	C	1000	1510044	SQUIRREL MOUNTAIN WC	01	INSTALL IRON AND MANGANESE REMOVAL PLANT. OTHER - DESIGN AND CONSTRUCTION	1998	\$250,000
25	C	2626	5310002	Trinity Co. W.W. Dist #1	01	Provide for iron and manganese treatment system. Design and install temperature control devices at raw water reservoir.	1998	\$1,300,000
25	C	9900	5810003	Olivehurst PUD	01	Construct 3MGD well head treatment plant for iron, manganese, hydrogen sulfide, and methane gas removal. Install approximately 3500 feet of 12" water main from new treatment plant to service area.	2000	\$1,000,000
25	P	41	2500513	Arlington Elementary School	02	Drill a new well in a strata that meets the MCL for manganese.	1998	\$44,850
25	P	145	3900713	DELTA ISLAND ELEMENTARY SCHOOL	01	REIMBURSE FOR TREATMENT INSTALLED	1998	\$8,000
25	N	60	0400138	Strawberry Campground	01	Deepen wells and bring in electrical connections.	1998	\$165,000
20	C	100	3400101	HOOD WMD	01	Construct an iron and manganese treatment facility and construct a 1,000 gpm well with iron and manganese treatment. Involves design and construction	1998	\$300,000
20	C	100	5800572	FAIRWAY DOWNS	02	Install iron and manganese filtration system for removing these secondary standard constituents.	1998	\$73,000
20	C	100	3400101	HOOD WMD	02	Construct a 250,000 gallon water storage tank. Involves design and construction.	1998	\$250,000
20	C	132	2702007	Vierra Canyon WS	01	Physically consolidate with Normco Division. Install 7000 feet of piping to make the connection.	1998	\$225,000
20	C	350	1810003	Lassen County Water District #1	01	Purchase and installation of filters to remove the iron and manganese.	1998	\$210,000
20	C	430	3210011	Plumas Eureka CSD	01	Construction of water treatment facilities.	1998	\$600,000
20	C	450	3301577	RIVERSIDE COUNTY	01	Install filtration treatment units. Construct new storage reservoir and booster pump station.	1998	\$0
20	C	500	5110008	Dell Wayne/Village Green MHP	01	Install a filtration system to remove excess minerals.	2000	\$0
20	C	1000	5510019	MONO VILLAGE WATER DISTRICT	01	INSTALL TREATMENT SYSTEMS FOR REMOVAL OF IRON AND MANGANESE.	1998	\$162,000
20	C	3300	0610004	City of Williams	01	Design green sand filter system to treat water from three wells.	1998	\$30,000
20	C	3300	0610004	City of Williams	02	Purchase and have installed green sand filters and related equipment.	1998	\$3,000,000
20	C	5368	1010005	FIREBAUGH CITY	01	INSTALL TWO NEW FILTERS AT EACH PLANT SITE AND CONSTRUCT A BACKWASH WATER RECLAMATION SYSTEM AT EACH PLANT SITE.	1998	\$1,073,500
20	C	6000	4910004	Sweetwater Springs CWD - Guernevill	03	Construct iron and manganese treatment plant.	2000	\$850,000

**SRF Category: N**

Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
20	C	6813	1910147 SATIVA-L.A. CWD	01	Treatment to remove iron and manganese from water to provide better tasting water. Replace old existing line to prevent major breakage, and better access to water lines.	2000	\$105,221
20	C	7500	1910084 MAYWOOD MUTUAL WATER CO. #1	01	Design and construct a manganese removal system capable of treating 1,500 gallons per minute. Preliminary design is shown in Attachment 2.	1998	\$760,000
20	C	11000	5510001 TUD - SONORA/JAMESTOWN WATER SYSTEM	03	ADD A 300 GPM IRON AND MANGANESE REMOVAL SYSTEM FOR THE WELL.	1999	\$128,000
20	C	66000	1910239 CITY OF LAKEWOOD	03	The City plans to design and install a wellhead treatment plant for Wells 11 and 11A for the removal of iron and manganese. Project involves: Design, and Construction	2000	\$774,000
20	C	66000	1910239 CITY OF LAKEWOOD	01	Well #15 must be destroyed and a new well drilled to replace the supply lost. Project involves: Design to solve problem, and Construction	1998	\$1,100,000
20	P	80	4700569 Willow Creek School	01	Add treatment to remove rust and/or manganese.	1998	\$10,000
20	N	100	1700668 Maharishi Vedic School	01	Convert existing 20,000 gal tank to sand filter.	1998	\$30,000
20	N	250	0500090 AMERICAN LEGION POST 376	01	DRILL NEW AND DEEPER WELL.	1998	\$10,000
15	C	96	4901195 Mooreland Avenue Apartments	01	In 1996/97 system installed a 5,000 gal storage tank, with booster pump and pressure system. Would like to install treatment for iron and manganese, seal north well which is now inoperable and refinance the previous 1996/97 system improvements.	1998	\$25,000
15	C	2453	1010028 RIVERDALE PUBLIC UTILITY DISTRICT	01	Drill new well and chlorine contact tank	2000	\$270,000
15	C	2590	2710013 CWS Las Lomas	01	Design and construct filter system.	2000	\$640,000
15	C	3107	1210012 City of Rio Dell	01	Construct a new surface water treatment plant to draw water from the Eel River.	1998	\$1,700,000
15	C	4500	2410006 DELHI CWD	02	CONSTRUCT A STORAGE TANK WITH A BOOSTER SYSTEM TO STORE AND PUMP TREATED WATER.	1998	\$1,500,000
15	C	8847	1910149 CITY OF SIGNAL HILL	02	Install an Fe and Mn filtration system where water from Wells 7 and 8 are delivered to the finished water reservoir.	1998	\$750,000
15	C	2E+05	1910036 CAL. WATER SERVICE CO.- EAST L.A.	03	CONSTRUCT A FE AND MN FILTER SYSTEM	1999	\$675,000
15	P	200	4901170 Unitarian-Universalist Fellowship	01	Confirm composition of suspended matter, design and install system to remove and dispose of solids.	1998	\$14,000
15	N	170	0300067 CAMP MINKALO	01	DRILL NEW WELL TO GET WATER OF BETTER QUALITY.	1998	\$40,000
10	C	486	4000670 DURAND WATER COMPANY, INC	01	Construct a water treatment facility and connect to the water system.	1998	\$50,000
10	C	490	2701676 San Lucas County Water System	01	Design and engineer a project which would enable water system to remove dirt, iron, and manganese from water supply.	1998	\$90,000
10	C	29630	1910047 HAWTHORNE-CITY, WATER DEPT.	01	Reconstruct treatment plant.	1998	\$2,000,000
10	C	2E+05	1910155 SCWC - SOUTHWEST	02	INSTALL PRESSURE FILTER OR OTHER TREATMENT FACILITIES FOR MN AND FE REMOVAL	1998	\$300,000
10	C	2E+05	1910155 SCWC - SOUTHWEST	03	INSTALL PRESSURE FILTER OR OTHER TREATMENT FACILITIES FOR MN AND FE REMOVAL	1998	\$300,000

SRF Category: N

Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
10	C	2E+05	1910155 SCWC - SOUTHWEST	04	INSTALL PRESSURE FILTER OR OTHER TREATMENT FACILITIES AT SOUTHERN WELL SITE FOR MN AND FE REMOVAL	1998	\$300,000
10	C	2E+05	1910155 SCWC - SOUTHWEST	09	INSTALL REMOVAL TREATMENT OR DRILL A NEW WELL AT A DIFFERENT SITE	1998	\$1,100,000
10	C	3E+05	3310009 EASTERN MWD	06	Install wellhead treatment facilities to remove these contaminants and meet standards.	1998	\$1,241,000
5	C	200	3700074 CUYAMACA WATER DISTRICT	01	Add storage tank and replace some of distribution lines, and possibly construct a filtration system	1998	\$350,000
5	C	240	4000507 GARDEN FARMS	01	Install simple filters at wells with high concentrations of the minerals, greensand and chemical charcoal filters are being considered.	1998	\$45,000
5	C	343	3700905 PINE HILLS MUTUAL WATER CO.	01	(1) Develop filtration plan, (2) Determine best design filtration system, (3) Purchase filtration system including installation, startup and training.	1998	\$100,000
5	C	500	5500363 MATT DILLON WATER COMPANY	01	INSTALL A FILTRATION SYSTEM TO REMOVE IRON AND MANGANESE.	1998	\$144,000
5	C	600	2710022 Cal-American/Hidden Hills WS	01	Design and construct oxidation and filtration treatment facility for the removal of Fe & Mn.	1999	\$500,000
5	C	2500	4410018 Central Water District	01	Construct a new well with better water quality in the vicinity of the other two wells. Plans and specifications on file with the Department of Health Services.	1998	\$275,000
5	C	4000	2710020 Pajaro/Sunny Mesa Community Srvcs D	01	Install a treatment plant to eliminate or reduce manganese to an acceptable level.	1998	\$450,000
5	C	12994	5610002 FILLMORE WATER DEPT	02	Install a manganese filter.	1998	\$800,000
5	C	38700	3410004 Carmichael Water District	05	Air stripping and pressure filtration.	1998	\$1,000,000
5	C	38700	3410004 Carmichael Water District	04	Pressure filtration. Involves design and construction.	1998	\$750,000
5	C	41840	3410015 Southern CA Water Co - Cordova Wate	04	Install a new horizontal pressure filter to remove the manganese to non-detect levels.	1998	\$350,000
5	C	84737	3010022 Southern Calif WC - West Orange	04	Install pressure filters or other filter facility for Fe and Mn removal.	1998	\$300,000
5	C	84737	3010022 Southern Calif WC - West Orange	05	Install pressure filters or other filter facility for Fe and Mn removal.	1998	\$300,000
5	C	84737	3010022 Southern Calif WC - West Orange	03	Install pressure filters or other filter facility for Fe and Mn removal.	1998	\$300,000
5	C	84737	3010022 Southern Calif WC - West Orange	02	Install pressure filters or other filter facility for Fe and Mn removal.	1998	\$300,000
5	C	2E+05	5610007 OXNARD WATER DEPT	01	Iron and manganese removal system	2000	\$2,700,000
0	C	0	5610050 CALLEGUAS MUNICIPAL WATER DIST	01	Construct a manganese removal facility.	1998	25,000,000
0	C	50	2702140 Woodside Water Association	01	They do not describe any projects. Perhaps, they are hoping we will tell them what they should do.	1998	\$50,000
0	C	68	3901075 FAIRWAY ESTATES	01	CONSTRUCT REATMENT FACILITY, PRESSURE TANK AND BOOSTER STATION. OTHER = DESIGN AND CONSTRUCTION.	1998	\$750,000
0	C	150	3901303 ACAMPO WATER SYSTEM	02	CONSTRUCT TREATMENT FACILITY. OTHER = DESIGN AND CONSTRUCTION.	1998	\$700,000
0	C	173	4400502 Mar Vista Water Company	01	The well should be replaced completely. Also, the existing water lines need to be replaced or upgraded.	1998	\$115,000

SRF Category: N

Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
0	C	250	3701961 PINE VALLEY TRAILER PARK	01	as above.	1998	\$100,000
0	C	300	2700702 Prunedale Mutual Water Association	02	Install ozone treatment and filtration system.	1998	\$100,000
0	C	302	3901348 FAIR OAKS WATER SYSTEM	01	CONSTRUCT TREATMENT. OTHER = DESIGN AND CONSTRUCTION	1998	\$700,000
0	C	406	3700041 BARRETT LAKE MOBILE HOME PARK	01	New tanks, lines and pressure pump.	1998	\$50,000
0	C	610	4010003 SAN MIGUELITO MWC	11	Replace non-functional valves and appurtenances then sandblast and paint vessels and piping.	1999	\$25,000
0	C	2400	5610015 VENTURA CWWD NO. 19 - SOMIS	01	Installation of iron and manganese removal facility per study by Boyle Engineering Corp dated Mrch 1993.	1998	\$620,000
0	C	4502	3310800 Calif Rehab Center - Norco	02	Add Mn removal treatment system	1998	\$550,000
0	C	5000	5610008 PLEASANT VALLEY MUTUAL WATER CO	09	Solve the problem by conducting a study to determine the best way to treat the water. Most effective method would likely be a treatment plant.	1999	\$800,000
0	C	8000	3410002 SCWMD - Arden Park Vista	04	Acquire site for replacement well and iron-manganese treatment facility.	1998	\$100,000
0	C	8000	3410002 SCWMD - Arden Park Vista	01	Install wellhead treatment facilities (greensand filters). Involves study, design, and construction.	1998	\$1,300,000
0	C	8000	3410002 SCWMD - Arden Park Vista	05	Design and construct 1,200 gpm well and iron-manganese treatment facility.	1998	\$750,000
0	C	8000	3410002 SCWMD - Arden Park Vista	03	Acquire site for replacement well and iron-manganese treatment facility.	1998	\$100,000
0	C	8000	3410002 SCWMD - Arden Park Vista	02	Design and construct 1,200 gpm well and iron-manganese treatment facility.	1998	\$750,000
0	C	8460	3410033 Florin County Water District	04	Treatment plant and water storage tanks.	1998	\$0
0	C	8460	3410033 Florin County Water District	05	Rehabilitation including deepening wells and modification of well structures.	1998	\$0
0	C	28310	5610011 City of Santa Paula	10	Design & construct iron and manganese removal treatment facility at Well #1B site to treat approx. 1,500 gpm.	1999	\$750,000
0	C	36000	1910004 SCWC - ARTESIA	01	INSTALL PRESSURE FILTER OR OTHER TREATMENT FACILITIES AT HAWAIIAN SITE FOR MN AND FE REMOVAL	1998	\$300,000
0	C	36000	1910004 SCWC - ARTESIA	03	INSTALL PRESSURE FILTER OR OTHER TREATMENT FACILITIES AT CENTRALIA SITE FOR MN AND FE REMOVAL	1998	\$300,000
0	C	36000	1910004 SCWC - ARTESIA	02	INSTALL PRESSURE FILTER OR OTHER TREATMENT FACILITIES AT HAWAIIAN SITE FOR MN AND FE REMOVAL	1998	\$300,000
0	C	38000	3010091 Los Alisos Water District	01	District plans to conduct engineering studies of its well sites and construct groundwater treatment facilities to reduce the concentration of iron and manganese.	1998	\$1,200,000
0	C	38754	5610019 CAMARILLO WATER DEPT	02	Construct Fe & Mn, hydrogen sulfide removal filtration treatment facility for one of the three wells with additional plants proposed in the future.	1998	\$2,867,700
0	C	39000	4110023 City of San Bruno	06	A modular treatment plant was designed for 300 GPM was purchased in 1991 for the use at the Shannon Well, but was never installed before the well was abandoned. This project will construct a shelter large enough to accommodate this plant.	1998	\$370,000
0	C	56000	4310009 City of Palo Alto	03	Construct a new well on Middlefield Rd. with treatment for iron and manganese.	1998	\$460,000

SRF Category: N

Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
0	C	70000	3010037 Yorba Linda Water District	01	Construction and installation of a treatment system consisting of chemical addition reaction filtration and backwashing facilities. Installation of maganese greensand filter treatment packaged and pressure filtration vessels are planned.	1998	\$755,000
0	C	90460	1910134 CAL. WATER SERVICE CO.-HERMOSA/REDO	01	CONSTRUCT A FE AND MN FILTER SYSTEM	1998	\$1,033,000
0	C	98300	4310012 City of Santa Clara	03	Investigate the problem and then do whatever construction is found to be necessary.	1998	\$300,000
0	C	1E+05	1910213 TORRANCE-CITY, WATER DEPT.	03	A groundwater treatment facility is proposed that will improve water quality by eliminating odor complaints and by meeting secondary standards for iron and manganese. The proposed facility will also mitigate possible future contamination by the ...	1998	\$7,027,000
0	P	246	3400248 Franklin Elementary School	01	New mangnesium filtration system. Replace and modernize plumbing.	1998	\$10,000
0	P	300	4900707 Twin Hills School Dist-Twin Hills S	01	Drill new well, install iron & manganese and pH treatment, separate drinking water from irrigation water.	1998	\$105,000
0	P	350	4900703 Oak Grove School	01	Install filtration or ozonation system with holding tank.	1998	\$30,000
0	P	550	4900710 Twin Hills School Dist-Apple Blossom	01	Drill new well, install iron & manganese and pH treatment, separate drinking water from irrigation water.	1998	\$100,000
0	N	0	0001405 Indian Hills Camp	01	We have a chlorination system in place now which does an adequate job but a more sophistcates system such as osmosis would be safer and more functional.	1998	\$9,947

Total Projects for 'Category' = N (101 Projects)

Total Costs for Category: \$87,746,218

SRF Category: O

Bonus	Type	Pop	System # and Name		Pre-App	Project Description	FY	Cost
45	C	100	4900584	Timber Cove County Water District	02	Install backflush system & repair pipes (flush lines for future silting).	1998	\$20,000
45	C	100	4900584	Timber Cove County Water District	01	Construct dike where creek banks washed out. Repair gravel to area scoured by storms.	1998	\$75,000
45	C	102	1000057	METROPOLITAN WATER COMPANY	02	DRILL THE EXISTING WELL DEEPER	1998	\$25,000
45	C	2345	5510003	TUD-Tuolumne City	06	INSTALL PARTICLE COUNTERS	1999	\$18,000
45	N	462	1502327	KERN VALLEY AIRPORT	01	CONNECT TO KERN RIVER VALLEY WATER COMPANY. OTHER - DESIGN AND CONSTRUCTION	1998	\$141,750
40	C	75	5100115	Travel Home Park	01	Install new service to property and run lines to well.	1998	\$35,000
40	C	3500	5510013	TUD-COLUMBIA	06	INSTALL PARTICLE COUNTERS	1999	\$18,000
40	C	3500	5510013	TUD-COLUMBIA	02	CONSTRUCT RESERVOIR IMPROVEMENTS AND PIPE THE MATELOT DITCH TO PROVIDE SOURCE WATER PROTECTION.	1999	\$1,210,000
40	C	3500	5510013	TUD-COLUMBIA	01	PIPE APPROXIMATELY 800 FEET OF DITCH AND GUNITE LINE APROXIMATELY 2000 FEET OF DITCH.	1999	\$78,000
40	C	3500	5510013	TUD-COLUMBIA	04	CONSTRUCT IMPROVEMENTS AND REPAIRS TO THE INTAKE STRUCTURE.	1998	\$74,000
40	C	44725	5410010	PORTERVILLE, CITY OF	01	DESIGN AND INSTALL FIVE LARGE, DEEP WELLS AND PUMPING SYSTEMS TO REPLACE LOST PRODUCTION.	1998	\$2,000,000
40	P	50	2400148	SEVENTH DAY ADVENTIST SCHOOL	01	CONNECT TO THE CITY OF MERCED WATER SYSTEM.	1998	\$50,000
40	P	50	2400176	ST. PAUL'S LUTHERAN SCHOOL	01	CONNECT TO THE CITY OF MERCED'S WATER SYSTEM.	1998	\$50,000
40	P	2000	1502324	SOUTH HIGH SCHOOL WATER SYSTEM	01	Construct improvement to tie into CA Water Service Co. system. Other - Design/Construction	1998	\$60,000
35	C	40	4500104	Sunrise Mobile Home Park	01	Consolidate with Clear Creek C.S.D..	1999	\$100,000
35	C	50	2400003	ANDEREGG RENTALS	01	INSTALL ABOUT 1100 FEET OF WATER LINE TO CONNECT TO THE CITY OF ATWATER.	1998	\$85,000
35	C	120	2400194	OASIS COMPANY	01	CONNECT TO THE PLANADA CSD WATER SYSTEM.	1998	\$75,000
35	C	250	1000295	KINGS PARK APARTMENTS	01	CONNECT TO THE CITY OF SANGER.	1998	\$50,000
35	C	595	2010014	HILLVIEW WATER CO-GOLDSIDE-HIL	01	FILTRATION OF FOUR WELLS AND INTERCONNECTION OF THIS SYSTEM TO THE OAKHURST-SIERRA LAKES SYSTEM WHICH IS ABOUT 3 MILES AWAY.	1999	\$800,000
35	C	1020	2310010	Hopland Public Utility District	02	Replace old distribution lines.	1998	\$1,000,000
35	C	1020	2310010	Hopland Public Utility District	03	Add additional storage tanks and force main to reservation.	1999	\$3,000,000
35	C	2150	3610054	YUCAIPA VALLEY CWD ID-1	05	Replace reservoir	2001	\$2,452,500
35	C	3500	5510012	TUD-UPPER BASIN	10	INSTALL PARTICLE COUNTERS.	1999	\$18,000
35	C	3500	5510012	TUD-UPPER BASIN	03	INTALL TUBE SETTLERS INSIDE THE EXISTING UPFLOW CLARIFIER.	1998	\$24,000

SRF Category: O

Bonus	Type	Pop	System # and Name		Pre-App	Project Description	FY	Cost
35	P	830	2400066	PLANADA ELEMENTARY SCHOOL	01	INSTALL A PIPELINE TO INTERCONNECT TO THE PLANADA CSD WATER SYSTEM.	1998	\$50,000
35	N	50	5400692	EL RANCHO MOTEL	02	Connection to City water	2000	\$70,000
35	N	50	5400692	EL RANCHO MOTEL	03	Connection to City water	2000	\$70,000
35	N	50	5400692	EL RANCHO MOTEL	01	Connection to City water	2000	\$70,000
30	C	400	1000229	GREEN ACRES MOBILE ESTATES	01	CONSTRUCT A NEW WELL OR CONNECT TO THE CITY OF FRESNO.	1998	\$15,000
30	C	450	1500290	EDGEMONT ACRES MUTUAL WATER COMPANY	01	ACQUIRE PROPERTY, DRILL NEW WELL AND CONNECT TO SYSTEM	1998	\$100,000
30	C	450	1500290	EDGEMONT ACRES MUTUAL WATER COMPANY	02	UPGRADE OTHER SYSTEM, PAY OF DEBT AND DISSOLVE OTHER CSD	1999	\$250,000
30	C	450	1500290	EDGEMONT ACRES MUTUAL WATER COMPANY	03	CONSTRUCT TREATMENT FOR ARSENIC. OTHER- DESIGN AND CONSTRUCTION	2000	\$500,000
30	C	1300	5610021	WARRING WATER SERVICE INC	03	Purchase the Ventura County Water Works District's domestic delivery system in Warring Water Service area and consolidate the system	1998	\$300,000
30	C	1300	5610021	WARRING WATER SERVICE INC	02	Repair and upgrade the reservoir.	1998	\$100,000
30	C	1782	5510002	PONDEROSA WATER COMPANY	03	UPGRADE THE PLANT, ADD ANOTHER CLARIFIER AND FILTER, AND INSTALL MONITORING EQUIPMENT.	1999	\$470,000
30	C	1782	5510002	PONDEROSA WATER COMPANY	05	TUD'S ACQUISITION OF THE WATER COMPANY VIA PURCHASE TO CONSOLIDATE IT WITH AN ADJACENT WATER SYSTEM.	1998	\$470,000
30	C	4900	5510010	TUD-Crystal Falls Water System	04	INSTALL PARTICLE COUNTERS.	1999	\$18,000
25	C	31	1502280	TILLIE CREEK KITTY WATER	01	NEW STORAGE TANKS AND FILTRATION SYSTEM	1998	\$20,000
25	C	35	1500449	FOURTH STREET WATER SYSTEM	01	Drill second well;reranked to O from E; system drilled second well	1998	\$113,000
25	C	45	3103310	EMIGRANT GAP MUTUAL	01	Replace 820' of 4" steel pipe with 820' of 4" C-900 pipe and construct four new manifolds.	1998	\$8,000
25	C	50	0000237	Meadowbrook Oaks	01	Fix system.	2000	\$0
25	C	60	2900523	Washington County Water Dist	01	This flume runs adjacent to the South Yuba River. The flume needs complete replacement.	1998	\$150,000
25	C	77	1500336	BURLANDO HEIGHTS MUTUAL WATER CO.	03	Replace 4" diameter mains with 6" diameter.	2001	\$300,000
25	C	77	1500336	BURLANDO HEIGHTS MUTUAL WATER CO.	02	Replace 4" diameter mains with 6" diameter.	2001	\$300,000
25	C	77	1500336	BURLANDO HEIGHTS MUTUAL WATER CO.	04	Replace 4" diameter mains with 6" diameter.	2001	\$300,000
25	C	80	1009039	PAPPAS ENTERPRISES/CALIF	01	INSTALL NEW TURBIDITY AND CHLORINE ANALYZERS, AND AN AUTO DIALER. ENCLOSE THE PLANT.	1998	\$29,000



SRF Category: O

Bonus	Type	Pop	System # and Name		Pre-App	Project Description	FY	Cost
25	C	90	0800557	Hunter Valley CSD	01	Replace all of distribution lines with schedule 40 P.V.C. pipe	1998	\$75,000
25	C	90	1502653	BELLA VISTA MUTUAL WATER COMPANY	01	DRILL AND HOOK UP NEW WELL IMPROVED CHLORINATION SYSTEM INCREASE STORAGE. OTHER - DESIGN AND CONSTRUCTION	1999	\$80,000
25	C	100	3301746	WHISPERING SANDS	01	1) add pressure tanks existing well - also drill 2nd well, add pressure tanks. Tie 2 systems together - Back up well for more water existing well with more pressure	1999	\$20,000
25	C	100	4700546	Cal Ore Trail Mobile Estates	01	System replacement.	1998	\$50,000
25	C	100	1200538	Myers Flat Mutual Water System, Inc	02	Develop unused spring source to prevent surface water influence and tie into system.	1998	\$13,490
25	C	150	3810003	HHWP Moccasin Compound Hetch Hetchy	01	Construct filtration facilities and appurtnances.	2000	\$200,000
25	C	150	1500252	KERN VALLEY MUTUAL WATER	01	Have new wel drilled ajoining current system. Other - Construction/other: drilling	1998	\$15,000
25	C	200	1500542	WILLOW SPRINGS MOBILE HOME PARK	01	CONNECT TO THE CITY WATER SYSTEM	1998	\$50,000
25	C	275	3600156	LUCERNE VALLEY M W C	01	Construct mainline	1999	\$150,000
25	C	315	1502670	FAIRVIEW WATER CO./SCHATZ	01	Replace 2 Cla Val. 4" pressure reducing valves. Replace 1 mile of 4" PVC 40 w/ 4" C900. Add 15,000 gal. plus 2 10,000 gal. storage tanks. Add electrical control lines underground. Set up booster pump. Other - study/design/construction	1998	\$100,000
25	C	350	4600018	Sierraville P.U.D.	02	Hire an engineer to completely evaluate the system, make a work order sheet, and do it.	1998	\$50,000
25	C	350	1200553	Weott C.S.D.	06	Purchase and install water meters at Sources A and B.	1998	\$5,000
25	C	350	1000018	EASTON ESTATES WATER COMPANY	01	WELL NEEDS TO BE REDEELOPED & BOWLS, BEARINGS AND SHAFT NEED RESTORATION	1998	\$30,000
25	C	350	1200553	Weott C.S.D.	03	Install additional 50,000 gallon tank at the A-Tank site.	1998	\$72,800
25	C	350	1200553	Weott C.S.D.	04	Remove old steel lines and replace approximately six miles of water transmission lines.	1998	\$110,000
25	C	375	1503145	BERRENDIA MESA WATER DISTRICT, DOM S	01	Pipeline replacement. Installation of rechlorination station.	2000	\$375,000
25	C	375	1503145	BERRENDIA MESA WATER DISTRICT, DOM S	03	Pipeline replacement. Installation of rechlorination station.	2000	\$375,000
25	C	375	1503145	BERRENDIA MESA WATER DISTRICT, DOM S	02	Pipeline replacement. Installation of rechlorination station.	2000	\$375,000
25	C	400	5410007	LSID - TONYVILLE	01	RADIO SPREAD SPECTRUM TELEMETRY AND CONTROL. OTHER - DESIGN AND CONSTRUCTION	1999	\$80,000
25	C	500	1210022	Resort Improvement Dist. No.1	10	Engineering design and construction of pipe line.	1999	\$2,841,000
25	C	500	1210022	Resort Improvement Dist. No.1	02	Engineer planning, design, and construction for replacement of 8 miles of pipe.	1998	\$37,900
25	C	500	1210022	Resort Improvement Dist. No.1	07	A "Cumulative Impact Study" for Telegraph Creek drainage.	1998	\$50,000
25	C	500	1210022	Resort Improvement Dist. No.1	03	Engineering planning for project	1998	\$14,900

SRF Category: O

Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
25	C	500	1210022 Resort Improvement Dist. No.1	04	Upgrade existing intake facility.	1999	\$195,000
25	C	500	1210022 Resort Improvement Dist. No.1	08	Construct new tank.	1999	\$137,200
25	C	500	1500406 TRADEWINDS WATER ASSOC.	01	Hire certified agent to sandblast and coat old tank. Need to install additional Air Vacuum Valves to remove existing problem.	1998	\$50,000
25	C	550	1500190 EDMUNDSON ACRES WATER SYSTEM	01	DRILL A NEW WELL. OTHER - STUDY, DESIGN AND CONSTRUCTION	1998	\$300,000
25	C	795	3600086 DAGGET CSD	01	Construct transmission line	1998	\$200,000
25	C	800	1710018 Lake County CSA 2 - Spring Valley	01	Improvements to intake gallery & creek banks. Possibly construct new intake gallery or extend existing one.	1998	\$200,000
25	C	1000	3110022 McKinney Water District	01	Replacement of all main lines.	1998	\$1,500,000
25	C	1411	1610009 KETTLEMAN CITY CSD	01	INSTALL UV DISINFECTION AND GAC FOR TREATMENT. OTHER - DESIGN AND CONSTRUCTION	1998	\$260,000
25	C	1411	1610009 KETTLEMAN CITY CSD	04	SANDBLAST AND INSTALL INTERIOR COATING. OTHER - DESIGN AND CONSTRUCTION	1998	\$220,000
25	C	1500	3610704 Inland Valley Development Agency- No	08	Installation of backflow devices	1998	\$33,000
25	C	1500	3110024 Placer CWA - Alta	01	Construct 500,000 gallon storage tank.	1999	\$600,000
25	C	1500	3610704 Inland Valley Development Agency- No	05	Install overflows, clean and inspect storage facilities	1998	\$168,000
25	C	1500	3610704 Inland Valley Development Agency- No	11	Construct mainline, inspect and repair storage facilities	1998	\$300,000
25	C	1500	3610704 Inland Valley Development Agency- No	01	Install safety devices	1998	\$20,000
25	C	1500	3610704 Inland Valley Development Agency- No	02	Install assemblies and meters	1998	\$40,000
25	C	1500	3610704 Inland Valley Development Agency- No	03	Locate service laterals and install backflow devices to protect system	1998	\$148,000
25	C	1500	3610704 Inland Valley Development Agency- No	10	Remediate standby equipment	1998	\$20,000
25	C	1750	4710013 Lake Shastina Mutual W.C.	01	Install appropriate equipment at each groundwater source that would facilitate automatic chlorination when pumps come on line.	1998	\$45,000
25	C	1850	1210011 Redway C.S.D.	01	Increase storage capability by 270,000 gallons.	1998	\$350,000
25	C	2000	3310047 Cabazon County Water Dist	02	See attachment B	1998	\$1,800,000
25	C	2500	5410024 RICHGROVE CSD	01	EITHER DRILL NEW WELL OR INSTALL TREATMENT. OTHER - STUDY, DESIGN AND CONSTRUCTION	1998	\$400,000
25	C	2500	5410012 STRATHMORE PUBLIC UTIL DIST	03	INSTALL A TRAVELING WATER SCREEN IN THE EXISTING CANAL STRUCTURE.	1998	\$110,000

SRF Category: O

Bonus	Type	Pop	System # and Name		Pre-App	Project Description	FY	Cost
25	C	3000	1710008	Nice Mutual Water Company	01	To increase reliability, connect to Upper Lake CWD with 20,000 ft of 8 to 12 inch pipe and booster pump station.	1998	\$1,900,000
25	C	3000	1710008	Nice Mutual Water Company	02	Purchase and install an electric generator set at the WTP site.	1998	\$80,000
25	C	3000	1710008	Nice Mutual Water Company	03	Modify WTP piping to relocate pumps and motor controls above elevation 1332 ft.	1998	\$240,000
25	C	3000	1710008	Nice Mutual Water Company	04	Design and construct an automatic filter effluent system and corrosion control system.	1998	\$100,000
25	C	4375	1710001	Clearlake Oaks County Water Distric	02	Install new 500,000 gal clearwell.	1998	\$500,000
25	C	5100	1710006	Konocti County Water District	03	Replace with 12 inch PVC pipe.	1998	\$600,000
25	C	5340	5110001	City of Live Oak	07	The replacement of existing pumps with variable speed pumps will prolong the life of the system and reduce energy and maintenance costs.	1998	\$100,000
25	C	5340	5110001	City of Live Oak	08	Solution requires determination of the causes of poor water quality for design and construction of improvements.	1998	\$50,000
25	C	5340	5110001	City of Live Oak	03	The installation of telemetry lines and continuous monitoring instrumentation (e.g. flow, pressure, and chlorination) for each well would allow the City to provide safe and dependable water service.	1998	\$25,000
25	C	5340	5110001	City of Live Oak	09	The automation of existing and future meters will allow the City to direct its scarce resources to other water enterprise improvements.	1999	\$75,000
25	C	6549	1710002	California Cities Water Company	02	GAC in contactor #2 will be replaced with regenerated GAC.	1998	\$25,000
25	C	6549	1710002	California Cities Water Company	05	Install cathodic protection in the treatment plant's clearwell.	1998	\$20,000
25	C	12900	3610025	JOSHUA BASIN CWD	03	Construct 0.3 MG reservoir	1998	\$300,000
25	C	12900	3610025	JOSHUA BASIN CWD	02	Construct 0.5 MG reservoir	1999	\$450,000
25	C	12900	3610025	JOSHUA BASIN CWD	01	Construct Surface Water Treatment Plant to minimize overdraft of groundwater basin	1998	\$2,200,000
25	C	15154	1610004	CORCORAN, CITY OF	03	INSTALL A 2 MG RESERVOIR AT BOOSTER STATION 3. OTHER - DESIGN AND CONSTRUCTION	1998	\$960,000
25	C	15154	1610004	CORCORAN, CITY OF	06	INSTALL METER SYSTEM WIDE. OTHER - DESIGN AND CONSTRUCTION	1998	\$1,800,000
25	C	15154	1610004	CORCORAN, CITY OF	07	INSTALL WATER STORAGE AND BOOSTER SYSTEMS, INCLUDING 1 MG RESERVOIR. OTHER - DESIGN AND CONSTRUCTION	1998	\$1,200,000
25	C	15154	1610004	CORCORAN, CITY OF	04	NEW WATER SYSTEM MASTER PLAN	1998	\$100,000
25	C	15154	1610004	CORCORAN, CITY OF	01	IDENTIFY NEW WELL FIELD, PURCHASE LAND AND WATER RIGHTS.	1998	\$250,000
25	C	23757	3310008	Mission Springs WD	04	Design and construction of 875+ new copper water service laterals to meet the WWS.	1998	\$590,000
25	C	55000	1910009	VALLEY COUNTY WATER DIST.	05	Design and construct new system interconnections to combine the two water systems as well as at least one new groundwater well.	2001	\$800,000
25	C	1E+05	3910012	Stockton, City of	02	PIPE SURFACE WATER INTO SOUTH AREA.	1999	\$5,360,000
25	C	1E+05	3610039	SAN BERNARDINO CITY	16	Construct 36 inch 4133 ft Crosstown transmission line	2002	\$867,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
25	C	1E+05	3610039 SAN BERNARDINO CITY	03	Construct new Dally Sin Booster	1998	\$85,000
25	C	1E+05	3610039 SAN BERNARDINO CITY	13	Construct new 7500 GPM Sycamore zone booster	2001	\$150,000
25	C	1E+05	3610039 SAN BERNARDINO CITY	15	Construct 7500 gpm Ogden Labs booster	2002	\$150,000
25	C	1E+05	3610039 SAN BERNARDINO CITY	09	Extend Lower Pressure zone transmission main in Medical Center Drive	2000	\$1,000,000
25	C	1E+05	3610039 SAN BERNARDINO CITY	01	Construct new well Cajon Canyon	1998	\$400,000
25	C	1E+05	3610039 SAN BERNARDINO CITY	14	Construct 36 inch 8500 ft Sycamore transmission main	2002	\$1,750,000
25	C	1E+05	3610039 SAN BERNARDINO CITY	11	Construct Cajon Blvd transmission line from Scott Labs reservoir to Ogden reservoir site	2001	\$1,900,000
25	P	36	3810006 SFPUC--Early Intake Cpd	01	Install membrane filtration system with appurtenant facilities.	1999	\$100,000
25	P	66	1200817 Kneeland School	01	Purchase a new pump.	1998	\$2,500
25	P	80	1200546 Casterlin School	02	Install filtration with increased capacity.	1998	\$70,000
25	P	120	5100142 Nuestro School	01	Design and replace piping, fittings, and valves from the wellhead to storage tank to main outlet source.	1998	\$5,000
25	P	140	0001404 Castile Canyon School	01	Need 3 phase electricity to run pump rather than propane generator. Also need backup well rebuilt.	1998	\$37,500
25	P	225	3901374 Holt School Water System	01	TREATMENT TO BRING WATER INTO COMPLIANCE WITH SECONDARY STANDARDS	1998	\$100,000
25	P	750	1502773 TUSD - CUMMINGS VALLEY SCHOOL	01	CONNECT TO BEAR VALLEY SPRINGS CSD. OTHER - DESIGN AND CONSTRUCTION	1998	\$75,000
25	N	25	3810005 SFPUC--O'Shaughnessy Dam Cpd	01	Filtration system with appurtenant facilities.	1999	\$100,000
25	N	25	3601041 HOLMES ICE AND COLD STORAGE	01	Construct new reservoir and well piping	1998	\$50,000
25	N	90	2600570 COLEVILLE HIGH SCHOOL 2	01	Construct new main for irrigation system	1998	\$80,000
25	N	200	0011196 FCPR-KEARNEY PARK	01	INSTALL A CHLORINATION SYSTEM AND A 10,000 GALLON PRESSURE TANK.	1999	\$45,000
25	N	860	1502429 KERN VALLEY MOOSE LODGE #498	01		2002	\$26,000
20	C	25	4700632 Pine Grove Trailer Park	01	Install disinfection facilities at well.	1998	\$20,000
20	C	27	1500376 FRUITVALE MOBILE HOME PARK	01		2000	\$20,000
20	C	30	3901213 R C VASAVADA	01	THEY ASK FOR TREATMENT; HOWEVER, CONNECTION WITH LARGE SYSTEM MUST BE EXPLORED FOR FEASIBILITY (PREFERRED). OTHER = DESIGN AND CONSTRUCTION	1998	\$30,000
20	C	38	0202503 WOODFORDS MUTUAL WATER COMPANY	01	Pre-app for future unseen needs.	1998	\$0
20	C	40	5400665 RIVER ISLAND WATER CO-CO CLUB	01	INSTALL FILTRATION AND CHLORINATION SYSTEMS, 200,000 GAL. STORAGE TANK, 11,000 LF OF 8" C-900 PIPE AND CENTRAL PUMP CONTROL SYSTEM. OTHER - DESIGN AND CONSTRUCTION	1998	\$440,000

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Bonus	Type	Pop	System # and Name		Pre-App	Project Description	FY	Cost
20	C	42	3900556	BANTA MUTUAL W. C. NO. 2	01	REPLACE DISTRIBUTION SYSTEM.	2001	\$0
20	C	60	3900569	EL RIO MOTEL & TRAILER PARK	01	DRILL WELL, INSTALL PUMP, MAINS AND PRESSURE SYSTEM	2000	\$40,000
20	C	65	4900581	Hollydale Mutual Water Company	01	System can be connected with Russian River CWD and annexed to District. Various leaking steel lines with be replaced and hydrants installed. Abandon existing well.	1998	\$750,000
20	C	70	4500023	Hat Creek Highlands MWC	03	Install water meters at each improved lot.	2000	\$17,000
20	C	75	3900557	BANTA MUTUAL W. C. NO. 3	01	Replace distribution system.	2001	\$0
20	C	81	3900555	BANTA MUTUAL W. C. NO. 1	01	REPLACE DISTRIBUTION SYSTEM.	2001	\$0
20	C	84	1100237	Willow Glenn MHP	01	Construct system improvements to correct problem.	1999	\$50,000
20	C	85	3301018	ANZA PINES MOBILE HOME PARK	01	See attached	1998	\$58,878
20	C	85	5500092	PONDEROSA MOBILE HOME PARK	01	CONSTRUCT AN ADDITIONAL WELL.	1998	\$60,000
20	C	89	4500235	Woodridge Mutual Water	01	New well and complete system to final usage.	1999	\$50,000
20	C	100	5100110	Jennings Court - Gary Davis	01	Put in chlorination system. Repair well casing. Replace water lines.	1998	\$10,000
20	C	100	3700783	HODGE BROTHERS DAIRY	03.	Sample analysis and various treatment options, and purchase and installation of treatment facility. Water treatment method and design new storage and piping facility.	1998	\$400,000
20	C	100	3901113	WALNUT ACRES	01	IMPROVE DISTRIBUTION SYSTEM AND INSTALL AUTO-TRANSFER SWITCH FOR AUXILIARY POWER UNIT. CONSOLIDATE WITH OTHER SYSTEMS. OTHER = DESIGN AND CONSTRUCTON	1998	\$500,000
20	C	112	4500194	Village Green	01	Upgrade Chlorination process and distribution system.	1998	\$3,000
20	C	120	4700551	Copco Lake MWC	01	Construct new storage tank and develop new well source.	1998	\$100,000
20	C	125	4500022	Hat Creek Mutual Water Co.	02	Install 40,000 plus gallon gravity storage tank with associated piping, controls and pump.	1999	\$47,500
20	C	150	5100109	Wildwood Mutual Water Company	01	Replace old lines when needed.	2000	\$100,000
20	C	200	5400710	BADGER HILL MUTUAL WATER COMPANY	01	INCREASE STORAGE CAPACITY, INCREASE PUMPING CAPACITY AND DRILL NEW WELL.	1998	\$500,000
20	C	210	0210002	Kirkwood Meadows Public Utilit	04	Install main water lines from East Meadows III across Highway 88 and connect to KMA lines.	1999	\$100,000
20	C	215	3600409	BARSTOW CALICO KOA	01	Construct new well	1998	\$10,000
20	C	250	3400106	WALNUT GROVE HOMEOWNERS	02	Construct 1,000 gpm well and upgrade pipeline distribution system. Involves design and construction.	1998	\$250,000
20	C	250	3400106	WALNUT GROVE HOMEOWNERS	01	Construct a 250,000 gallon water storage tank. Involves design and construction.	1998	\$250,000
20	C	280	5500116	PEPPERMINT CREEK	01	THE ABOVE ITEMS NEED TO BE INSTALLED TO IMPROVE THE PERFORMANCE AND RELIABILITY OF THE TREATMENT PLANT TO INSURE COMPLIANCE WITH THE SWTR.	1998	\$32,000
20	C	300	4700528	Siskiyou Co. Rolling Hills MWC	01	Replace old steel pipeline to tanks and install meters at service connections.	1998	\$273,350

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Bonus	Type	Pop	System # and Name		Pre-App	Project Description	FY	Cost
20	C	350	0800532	Big Rock C.S.D.	01	Conduct a systems analysis to determine loss locations. Repair and reconstruct problem areas.	1998	\$135,000
20	C	450	3410047	CUCC - WALNUT GROVE	01	Grand Avenue main replacement. Involves design and construction.	1998	\$120,000
20	C	501	4500195	Starlight Pines Mutual WC	01	Install chlorinator and emergency generator to provide the reliability required by the Waterworks Standards.	1998	\$2,400
20	C	501	4500195	Starlight Pines Mutual WC	02	Dig and complete new reservoir and enclose in storage house.	2001	\$42,000
20	C	547	3700938	YUIMA MUNICIPAL IDA	03	Convert eight sites to alternate disinfection systems.	1998	\$246,000
20	C	800	5400792	WOODVILLE FARM LABOR CAMP	01	installation of new 10,000 gal. Pressure tank	1998	\$35,000
20	C	840	5010007	Hillsview Homes	02	Install RO unit to remove TDS, install 500,000 gallon storage tank with booster pumps and auxilliary generator	2001	\$1,285,000
20	C	840	5010007	Hillsview Homes	01	DRILL NEW WELL IN LAIRD PARK AREA WHERE GOOD WATER IS AVAILABLE AND PIPE IT TO WESTLEY.	1998	\$1,300,000
20	C	875	4710004	City of Etna	01	Replace lines; increase storage; and improve intake facilities.	1998	\$200,000
20	C	1000	1010042	MALAGA COUNTY WATER DISTRICT	02	NEW WATER SUPPLY WELL EAST OF THE COMMUNITY. OTHER - DESIGN AND CONSTRUCTION	1999	\$500,000
20	C	1000	1010042	MALAGA COUNTY WATER DISTRICT	04	INSTALL NEW WATER STORAGE TANK. OTHER - DESIGN AND CONSTRUCTION	1999	\$600,000
20	C	1000	1010035	DEL REY COMMUNITY SERV DIST	02	REFINANCE EXISTING LOANS.	1998	\$2,911,500
20	C	1000	1010042	MALAGA COUNTY WATER DISTRICT	03	INSTALL SCADA SYSTEM. OTHER - DESIGN AND CONSTRUCTION	1999	\$100,000
20	C	1200	1210020	Fieldbrook C.S.D.	01	Install a water main, pump station and storage tank.	1998	\$1,000,000
20	C	1452	0810002	Smith River C.S.D.	02	Complete a mainline loop with approximately 1,100 feet of 8-inch pipe.	1999	\$70,000
20	C	1452	0810002	Smith River C.S.D.	01	Repair stream bank.	1998	\$100,000
20	C	1568	4710007	City of Montague	01	Construction of new 0.75 million gallon steel storage tank.	1998	\$250,000
20	C	2000	3610002	ALPINE WATER USERS ASSOCIATION	01	Refinance	1998	\$1,900,000
20	C	2000	5410026	POPLAR COMM SERVICE DIST	01	DRILL NEW WELL AND INSTALL DISTRIBUTION LINES. OTHER - DESIGN AND CONSTRUCTION	1998	\$500,000
20	C	2000	1710012	Cobb Area County Water District	01	Bring in contractor specializing in spring redevelopment.	1998	\$25,000
20	C	2193	3210003	City of Portola	01	Replace deteriorated mainlines. Replace chlorination equipment. Install fire hydrants. Replace service laterals.	1999	\$774,000
20	C	2500	3210004	Quincy CSD	01	New well and spring transmission line replacement.	1998	\$1,500,000
20	C	2500	2210001	MARIPOSA PUBLIC UTILITY DIST	01	RELOCATE THE AIR VENTILATION SYSTEM AND CONSTRUCT A CONCRETE ENCASEMENT AROUND EXPOSED CONDUITS.	1998	\$163,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
20	C	3200	1610001 ARMONA COMMUNITY SERVICES DIST	03	INSTALL A SCADA SYSTEM. OTHER - DESIGN AND CONSTRUCTION	1998	\$80,000
20	C	3200	1610001 ARMONA COMMUNITY SERVICES DIST	01	INSTALL TWO NEW STORAGE TANKS. OTHER - DESIGN AND CONSTRUCTION	1998	\$400,000
20	C	3300	0610004 City of Williams	03	Replace existing sand traps on wells.	1998	\$45,000
20	C	4600	1710004 Lakeport, City of	01	Increase CT at well facilities by increasing storage.	1998	\$600,000
20	C	5500	4110010 Citizens Utilities Comp of CA	12	School house tank site additional 650,000.	1998	\$405,000
20	C	5500	4110010 Citizens Utilities Comp of CA	11	Replace and upgrade school house tank building.	1998	\$393,000
20	C	5500	4110010 Citizens Utilities Comp of CA	10	Controls and instrumentation	1998	\$47,000
20	C	6546	1610002 AVENAL, CITY OF	04	INSTALL A NEW PRESSURE PIPELINE TO PROVIDE EMERGENCY/BACKUP SYSTEM AND FUTURE WATER SUPPLY TRANSMISSION SYSTEM AS GROWTH REQUIRES. OTHER - DESIGN AND CONSTRUCTION	1998	\$4,260,000
20	C	6546	1610002 AVENAL, CITY OF	05	INTERIOR AND EXTERIOR SURFACES OF THE WATER STORAGE TANDS WOULD BE SANDBLASTED AND CLEANED WITH EXISTING CATHODIC PROTECTION SYSTEMS WOULD BE INSPECTED AND REPLACED AS NEEDED. OTHER - DESIGN AND CONSTRUCTION	1998	\$570,000
20	C	7500	1910160 TRACT 349 MUTUAL WATER CO.	01	Enlarge our pump stations' pumping capacity and add new IMG reservoir. Project involves: Design to solve problem, and Construction	1998	\$950,000
20	C	9675	0710004 City of Brentwood	15	Obtain and install a SCADA system to insure automated notification of system problems/	1999	\$500,000
20	C	9675	0710004 City of Brentwood	17	Connect well #9 to the city water distribution.	1998	\$250,000
20	C	9675	0710004 City of Brentwood	16	Install equipment at each well site for chloramination in order to have our well water be compatible with the Randall-Bold treated water	1998	\$450,000
20	C	9675	0710004 City of Brentwood	14	Replace approximately 3500 outdated leaking inaccurate and unreliable meters.	1999	\$1,400,000
20	C	9675	0710004 City of Brentwood	10	Replace the valves currently used with electrically operated ones.	1998	\$30,000
20	C	9675	0710004 City of Brentwood	07	Sealing of shallow wells to eliminate the possibility of contamination.	1999	\$1,150,000
20	C	11000	1510019 SHAFTER, CITY OF	02	CONSTRUCT NEW WELL TO REPLACE WELL #10. OTHER - DESIGN AND CONSTRUCTION	1998	\$250,000
20	C	11000	5510001 TUD - SONORA/JAMESTOWN WATER SYSTEM	05	INSTALL PARTICLE COUNTERS.	1999	\$18,000
20	C	13000	5210004 City of Red Bluff	07	Drill and construct a new well near the 3MG reservoir.	1998	\$200,000
20	C	13000	5210004 City of Red Bluff	14	Replace 6" waterline.	1998	\$30,000
20	C	13000	5210004 City of Red Bluff	01	Hire a computer water system consultant to improve existing model.	1998	\$20,000
20	C	13000	5210004 City of Red Bluff	13	Replace 6" waterline.	1998	\$20,000
20	C	13000	5210004 City of Red Bluff	10	Install a new well to supplement existing system.	1998	\$200,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
20	C	13000	5210004 City of Red Bluff	12	Replace 6" waterline.	1998	\$30,000
20	C	13000	5210004 City of Red Bluff	15	Replace 6" waterline.	1998	\$20,000
20	C	13000	5210004 City of Red Bluff	02	Complete redesign and installation of SCADA system.	1999	\$252,400
20	C	25000	2710001 Alco Water Service	01	Install disinfection facilities & equipment at six well sites.	1998	\$30,000
20	C	28000	3610073 HI DESERT WD	01	Accelerate 12 year replacement plan to 2 years	1998	10,000,000
20	P	47	2500514 South Fork Elementary School	01	Redesign and build wellhead to raise it above grade to reduce potential for contamination. Add water treatment to system to remove hard water and eliminate calcium deposits.	1998	\$21,895
20	P	48	1400068 DEEP SPRINGS COLLEGE	04	Install new treatment system	1998	\$10,000
20	P	60	1300556 MULBERRY UNION SCHOOL DIST	01	We propose to analyze the water, and design a system to filter and purify it to meet standards.	1998	\$100,000
20	P	200	1900067 GREAT WESTERN MALTING CO	01	Purchase and install generator for well pumping system.	2000	\$50,000
20	P	250	4200821 KERMIT MCKENZIE JR HIGH	01	Replace motor, shafts, pipe and pump of well and pump and piping system.	1998	\$12,000
20	N	25	3301498 PALO VERDE VALLEY HOSPITAL	01	Replace pipes and pump.	2000	\$25,000
20	N	30	4700517 Sawyers Bar Co. W.D.	01	Rebuild intake.	1999	\$10,000
20	N	50	0202519 TURTLE ROCK COUNTY PARK	01	Design and install a new 15,000 gallon steel tank meeting current AWWA standards.	1998	\$24,000
20	N	100	3301946 PAUL V CANTARANO	01	Update system.	1999	\$10,000
15	C	50	0500019 MINERAL MTN ESTATES MWC	04	INSTALL TELEMETRY TO LINK TANK WITH PUMP CONTROLS	1998	\$3,500
15	C	50	2000293 MADERA COUNTY MAINTENANCE DISTRICT#	01	INSTALL TWO NEW WELLS AND A TELEMETRY SYSTEM.	1998	\$130,000
15	C	50	0500019 MINERAL MTN ESTATES MWC	03	CONSTRUCT SHED OVER WELL AND PUMP AND FENCE WELL SITE.	1998	\$700
15	C	50	0500019 MINERAL MTN ESTATES MWC	01	DRILL NEW WELL, INSTALL PUMP AND CONNECT TO SYSTEM	1998	\$12,500
15	C	75	2900530 ROUGH & READY MHP WATER	01	Construct new distribution system and well.	1999	\$75,000
15	C	80	3901136 FIVE MILE HOUSE APARTMENTS	01	CONNECT TO LOCAL WATER SYSTEM. OTHER = DESIGN AND CONSTRUCTION	1998	\$50,000
15	C	80	1009006 PAPPAS ENTERPRISES/DORRIS	01	REPLACE THE DETERIORATED STORAGE TANK AND INSTALL AN AUTO DIALER.	1998	\$21,200
15	C	86	4700542 Abrams Lake Mobile Estates	01	System replacement	1998	\$50,000
15	C	100	4700803 Shadow Mountain MHP	01	Replace old well pumps with new pumps.	1998	\$20,000
15	C	100	0200185 Berry Creek CSD	01	Install sand separators on wells.	1998	\$20,000
15	C	112	3301475 ONE ELEVEN TRAILER PARK	01		1999	\$0
15	C	118	4900603 Riebli Mutual Water Company	01	Replace chlorinators with UV.	1999	\$60,000



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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
15	C	130	5000101 CHATOM SCHOOL	01	REPLACE WATER TANK.	1998	\$195,000
15	C	140	5500042 BELLVIEW OAKS MWC	01	INSTALL 5,800 FEET OF 6 INCH DIAMETER LINE FROM THE WELLS TO THE STORAGE TANKS.	1998	\$290,000
15	C	140	0300019 FIDDLETOWN COMMUNITY SERVICES	01	REPAIR OR REPLACE TANK	1998	\$40,000
15	C	140	5500042 BELLVIEW OAKS MWC	02	REPAIR AND/OR REPLACE AGING STORAGE TANK AND INSTALL NEW 100,000 GALLON TANK.	1999	\$238,000
15	C	140	5500042 BELLVIEW OAKS MWC	04	INSTALL 5,200 FEET OF NEW LINE.	1999	\$260,000
15	C	140	5500042 BELLVIEW OAKS MWC	03	DRILL A NEW WELL, INSTALL A PUMP, AND CONNECT IT TO THE SYSTEM.	1999	\$31,000
15	C	150	2600503 CROWLEY LAKE CAMPLAND 1	01	Construct new 120k gal tank, improve well production	1999	\$110,000
15	C	159	0310015 Rabb Park Community Ser. Dist.	03	INSTALL METERS	1998	\$14,100
15	C	159	0310015 Rabb Park Community Ser. Dist.	01	INSTALL NEW PIPELINES, HYDRANTS AND FLOW METERS. OTHER = DESIGN AND CONSTRUCTION	1998	\$0
15	C	198	4000568 SAN SIMEON ACRES	01	Additional wells and Desal Plant	1998	\$1,000,000
15	C	200	5400968 IMPROVEMENT DIST 1	01	New storage tank and replace old main lines. OTHER - Design and Construction	1998	\$100,000
15	C	250	3700422 STUART A CLAY	01	Hire licensed contractor after bidding process.	1998	\$50,000
15	C	270	3301735 WALLER TRACT MUTUAL WATER CO	01	None listed.	1998	\$0
15	C	340	3900831 ARBOR MOBILE HOME PARK	02	BUILD 80,000 GALLON STORAGE TANK. OTHER = DESIGN AND CONSTRUCTION	1998	\$100,000
15	C	350	5400805 SOULTS MUTUAL WATER	01	REPLACE DISTRIBUTION SYSTEM. OTHER - DESIGN AND CONSTRUCTION	1998	\$75,000
15	C	490	2300591 Pine Mountain Mutual Water Co.	03	Hire engineer to conduct studies and surveys.	1998	\$14,000
15	C	490	2300591 Pine Mountain Mutual Water Co.	02	Install approved filter and monitoring systems for these water sources.	1998	\$28,000
15	C	930	4610001 City of Loyalton	01	Hire an engineer to evaluate problems.	1998	\$50,000
15	C	1600	1610007 HOME GARDEN CSD	01	Remove rust and recoat tanks. Replace electric motor and pumps. OTHER - Design and Construction	1998	\$200,000
15	C	1700	1010039 CARUTHERS COMM SERV DIST	04	INSTALL WATER STORAGE TANK. OTHER - DESIGN AND CONSTRUCTION	1998	\$450,000
15	C	1700	1010039 CARUTHERS COMM SERV DIST	05	INSTALL STANDBY GENERATOR AT WELL 3 LOCATION. OTHER - DESIGN AND CONSTRUCTION	1998	\$90,000
15	C	1700	1010039 CARUTHERS COMM SERV DIST	01	INSTALL AUTOMATIC TRANSFER SWITCH TO STANDBY POWER AT WELL 4. INSTALL SAND SEPERATOR. OTHER - DESIGN AND CONSTRUCTION	1998	\$190,000
15	C	1725	5410033 PRATT MUTUAL WATER CO	01	INSTALL WATER METERS. OTHER -DESIGN AND CONSTRUCTION	1998	\$180,000
15	C	1780	3510002 City of San Juan Bautista	01	install filtration plant for surface water supply	2000	\$2,000,000

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Bonus	Type	Pop	System # and Name		Pre-App	Project Description	FY	Cost
15	C	1885	1710010	Lower Lake County Water District	04	Replace clearwell with 100K steel tank with bolted and locked lids.	1999	\$70,000
15	C	2011	5810004	City of Wheatland	02	Install new PVC mains, 9300 feet total.	1998	\$500,000
15	C	2082	3210009	Chester PUD	01	Replace 3,600 feet of 4" mains with 6" mains.	1999	\$90,000
15	C	2500	4510002	Mountain Gate C.S.D.	01	Install filter vessel; Chlorinate at source pumps, and upgrade existing pump controls.	1998	\$1,750,000
15	C	3000	0910007	Lukins Brothers Water Company	02	Install new lines.	2002	\$4,500,000
15	C	3000	0910007	Lukins Brothers Water Company	04	Install tank with supply pump and generator at Well 4.	1998	\$400,000
15	C	3450	3410704	Mather AFB - Wherry Housing Area 03		Rehabilitate water system mechanical and electrical facilities.	1998	\$85,000
15	C	3450	3410704	Mather AFB - Wherry Housing Area 05		Rehabilitate treatment facility.	1998	\$300,000
15	C	3450	3410704	Mather AFB - Wherry Housing Area 01		Install additional distribution main to provide adequate fire flow capacity to the northeast part of the service area.	1998	\$165,000
15	C	3450	3410704	Mather AFB - Wherry Housing Area 02		Replace service lines.	1998	\$250,000
15	C	3500	2410007	PLANADA CSD	01	REPLACE THE DEFECTIVE SERVICES LINES WITH NEW LINES.	1998	\$50,000
15	C	3700	5310001	Weaverville C.S.D.	06	Replace water mains.	2000	\$446,000
15	C	3700	5310001	Weaverville C.S.D.	07	Construct water main intertie between West Weaver Creek and East Weaver Creek pressure zone. Refurbish PRV station.	1998	\$29,000
15	C	3700	5310001	Weaverville C.S.D.	04	Replace the open ditch with approximately 5,500 feet of 8-inch water main.	1999	\$22,000
15	C	3725	3410045	CUCC - Arden	01	Connect Ethan Way to City of Sacramento. Involves design and construction.	1998	\$250,000
15	C	3800	5110007	Sutter CSD	01	Construct one million gallon storage tank. Installation of three standby power units. Replace 2,100 lineal feet of 6" water line and 31 water service laterals.	1998	\$888,000
15	C	4500	2410006	DELHI CWD	03	INSTALL WELL HEAD TREATMENT TO REMOVE NITRATES.	1998	\$400,000
15	C	5000	2310006	Millview County Water District	01	Drill new wells and raw water river crossing.	1998	\$200,000
15	C	6000	1510041	NORTH OF THE RIVER MWD	01	A new water line to transport this water to a point where it can be blended with better quality water. OTHER- Design and Construction.	1998	\$1,600,000
15	C	6500	2310001	Fort Bragg, City of	02	Replace 4000 L.F. of raw water transmission line and upgrade pumps and pumping station.	1999	\$540,000
15	C	8800	2910004	Nevada ID - E. George, Banner Mount	01	Replace pipeline.	2001	\$7,000,000
15	C	8800	2910004	Nevada ID - E. George, Banner Mount	03	Replace distribution system and service line with standard waterworks materials.	2000	\$390,000
15	C	8800	2910004	Nevada ID - E. George, Banner Mount	02	Add a new raw water pump station at D.S. canal and transmission pipeline to Banner.	1998	\$885,000
15	C	8800	2910004	Nevada ID - E. George, Banner Mount	04	Add second transmission main into the Oaks area.	1998	\$210,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
15	C	8847	1910149 CITY OF SIGNAL HILL	09	Remove and replace old cast iron pipelines with Class 52 Ductile Iron pipe.	1998	\$384,000
15	C	9875	1010004 COALINGA-CITY	01	RETAIN A CONSULTING ENGINEER TO STUDY THE ADEQUACY OF THE DISTRIBUTION SYSTEM.	1998	\$100,000
15	C	9920	2910006 Nevada ID - Loma Rica	10	Add 1.6 MG storage tank at David Way and abandon Cherry Creek tank. Involves design and construction.	1998	\$1,200,000
15	C	9920	2910006 Nevada ID - Loma Rica	05	Replace with standard water main materials. Involves design and construction.	1998	\$80,000
15	C	9920	2910006 Nevada ID - Loma Rica	03	Replace faulty material with standard waterworks pipeline. Involves design and construction.	1998	\$895,000
15	C	9920	2910006 Nevada ID - Loma Rica	02	Replace existing equipment with new dual-feed lime silo and spill contaminant wall. Involves design and construction.	1998	\$190,000
15	C	9920	2910006 Nevada ID - Loma Rica	04	Add second transmission main through Cedar Ridge. Involves design and construction.	2001	\$740,000
15	C	9920	2910006 Nevada ID - Loma Rica	07	Add a second transmission main into the Alta Sierra System. Involves design and construction.	2000	\$1,400,000
15	C	9920	2910006 Nevada ID - Loma Rica	09	Rehabilitate pump station and add redundancy. Involves design and construction.	1998	\$120,000
15	C	9920	2910006 Nevada ID - Loma Rica	06	Add 3.0 MG storage tank. Involves design and construction.	1998	\$1,800,000
15	C	13360	5010018 Riverbank, City of	01	DRILL NEW WELL(S) ON REMOTE SITE AND CONSTRUCT STORAGE TANK(S).	1998	\$1,500,000
15	C	17500	1910086 MAYWOOD MUTUAL WATER CO. #3	01	Design and construct a replacement well	1999	\$350,000
15	C	23247	3410025 Arcade WD - North Highlands	02	Replace with larger diameter water mains. Involves design and construction.	1998	\$7,700,000
15	C	40000	1610003 HANFORD, CITY OF	01	CONSTRUCT FILTER SYSTEM AT WELL HEAD	1998	\$350,000
15	C	45000	5710003 West Sacramento, City of	04	Extend the Harbor Boulevard water line under Bus 80 down Industrial Boulevard to the Southport area.	1998	\$3,800,000
15	C	45000	5710003 West Sacramento, City of	02	Add a 3mg storage tank pumping system.	1998	\$700,000
15	C	45000	5710003 West Sacramento, City of	03	Design a filter to waste system and increase water treatment capacity.	1998	\$1,000,000
15	C	70700	3410001 Arcade WD - Town & Country	02	Replace with larger diameter water mains. Involves design and construction.	1998	30,900,000
15	C	72400	3410024 Northridge Water District	05	Obtain funding.	1998	\$1,000,000
15	C	72400	3410024 Northridge Water District	03	Obtain lower financing.	1998	36,380,000
15	C	72400	3410024 Northridge Water District	02	Construct a 5mg storage tank with a large pumping station.	1998	\$5,000,000
15	C	72400	3410024 Northridge Water District	01	Construct large diameter transmission pipeline from Folsom Lake.	1998	22,333,064
15	C	72400	3410024 Northridge Water District	06	Funding to replace services.	1998	\$700,000
15	C	72400	3410024 Northridge Water District	04	Construct a main extension from the north boundary of system to the south boundary.	1998	\$1,164,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
15	C	72400	3410024 Northridge Water District	07	Provide new water source into McCaFB from NWD's existing system through the extension of the District's proposed transmission pipeline, including base system improvements to both the distribution and storage facilities.	1998	\$8,200,000
15	C	80000	1910146 SANTA MONICA-CITY, WATER DIVISION	06	Aquire land and design/construct new 5 MG reservoir.	2002	\$4,300,000
15	C	80000	1910146 SANTA MONICA-CITY, WATER DIVISION	05	Upgrade pumping facilities	2001	\$220,000
15	C	80000	1910146 SANTA MONICA-CITY, WATER DIVISION	04	Conduct detailed inspection, design rehabilitation project and contruction of reservoir improvements.		\$6,600,000
15	C	80000	1910146 SANTA MONICA-CITY, WATER DIVISION	03	Install baffling system, recirculation pump, new valves and upgrade reservoir facility.	2000	\$671,000
15	C	80000	1910146 SANTA MONICA-CITY, WATER DIVISION	02	Design/construct new pumping facility.	2001	\$627,000
15	C	90000	1510040 KERN COUNTY WATER AGENCY	01	INCREASE CAPACITY OF EXISTING PIPELINE BY REDUCING PUMPING HEAD.	1998	\$750,000
15	C	1E+05	1910008 AZUSA LIGHT AND WATER	05	Recondition motor and pump brush casing perforations and new column pipe. Well #10 rotate discharge head and install new pump control valve, new meter, check valve and new pump house.	1998	\$175,000
15	C	1E+05	1910008 AZUSA LIGHT AND WATER	06	Evaluate integrity of walls of both reservoirs and make necessary repairs and improvements. Project involves: Study to determine cause of problem and Design to solve problem.	1998	\$250,000
15	C	1E+05	3710014 Oceanside - City of	03	Design and construction of a new pressure regulator station serving the peacock Hills area.	1998	\$495,000
15	C	1E+05	3710014 Oceanside - City of	06	Mission/Foussat to El Camino Real water line design and construction to provide transport of groundwater to various distribution points.	1998	\$1,000,000
15	C	5E+05	1010007 FRESNO, CITY OF	06	DESTRUCTION OF ALL WELLS WITHOUT ANNULAR SEALS AND CONSTRUCTION OF 75 REPLACEMENT WELLS WITH NECESSARY IMPROVEMENTS.	1998	10,000,000
15	C	5E+05	1010007 FRESNO, CITY OF	01	INSTALL DIESEL-POWERED ELECTRICAL GENERATORS AT 28 PUMP STATIONS.	1998	\$1,500,000
15	C	5E+05	1010007 FRESNO, CITY OF	02	REPLACE 30 OIL LUBED PUMPS WITH WATER LUBED PUMPS.	1998	\$585,000
15	C	5E+05	1010007 FRESNO, CITY OF	05	CONSTRUCT IMPROVEMENTS TO THE RAW WATER CONVEYANCE TO PROVIDE SOURCE WATER PROTECTION.	1998	\$4,000,000
15	C	5E+05	1010007 FRESNO, CITY OF	08	DESTRUCTION OF ALL WELLS WITHOUT ANNULAR SEALS AND CONSTRUCTION OF 75 REPLACEMENT WELLS WITH NECESSARY IMPROVEMENTS.	2000	10,000,000
15	C	5E+05	1010007 FRESNO, CITY OF	07	DESTRUCTION OF ALL WELLS WITHOUT ANNULAR SEALS AND CONSTRUCTION OF 75 REPLACEMENT WELLS WITH NECESSARY IMPROVEMENTS.	1999	10,000,000
15	P	45	3701760 LAKE MORENA TRAILER RESORT	01	Would like to be on list.	1998	\$0
15	P	80	4700847 Quartz Valley Elem. School	01	Relocate old pressure tank and other components to location of new components, and possibly replace old pressure tank with new one.	1998	\$1,500
15	P	132	2400065 PLAINSBURG ELEMENTARY SCHOOL	01	DESIGN AND DRILL A NEW WELL.	1998	\$40,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
15	P	150	2400097 CRESSEY ELEMENTARY SCHOOL	01	CONSTRUCT A NEW DEEPER WELL.	1998	\$25,000
15	P	190	5100143 Pleasant Grove Elementary	01	Repair and replace in-ground drinking water lines.	1998	\$5,000
15	P	200	5100140 Marcum Illinois Elementary School	01	New pump and lines would correct problems and provide for increased use.	1999	\$7,000
15	P	235	1800573 Richmond Elementary School	01	Improve minor system deficiencies.	1998	\$0
15	P	400	0961945 Pioneer Union School District	01	Installation of a steel epoxy-lined tank to stop the bacteria growth.	1998	\$0
15	P	425	1300554 MEADOWS UNION SCHOOL	01	Replace with new water system, 10K. Storage with a minimum of 10GM.	2001	\$75,000
15	P	5100	3410706 Mather AFB - Main Base	03	Rehabilitate water system mechanical and electrical facilities.	1998	\$85,000
15	P	5100	3410706 Mather AFB - Main Base	06	Design and construct a 500,000 gallon storage tank and booster station.	1998	\$500,000
15	N	25	3301557 E O C WELL-PALM SPRINGS R	01	Necessity to correct fractures to well system caused by natural disaster	1998	\$40,000
15	N	60	3400002 Bartley Cavanaugh Golf Course	01	Replace gavanized casing with stainless steel.	2000	\$80,000
15	N	4000	5000164 MODESTO RESERVOIR PARK	01	RE-DEVELOP OR RELOCATE WELL AND INSTALL FILTERING SYSTEM. OTHER = STUDY, DESIGN AND CONSTRUCTION.	1998	\$35,000
15	N	20000	4500283 Caltrans-Hillcrest Roadside Rest	01	Install commercial filtration system.	1998	\$20,000
10	C	0	4010022 LOPEZ PROJECT	02	Study, develop an engineered solution to problem and construct same.	1999	\$150,000
10	C	0	5610046 UNITED WTR CONS DIST	02	Develop groundwater guardian program to promote well head protection by involving all affected parties including agriculture, urban interests and the public.	1998	\$50,000
10	C	13	5000355 DEO GLORIA ESTATES OID 52	01	INSTALL ELECTRICAL GENERATOR. OTHER = DESIGN AND CONSTRUCTION	1998	\$30,000
10	C	25	5000317 OID #51 SUNSET OAKS #10	01	INSTALL ELECTRICAL GENERATOR. OTHER = DESIGN AND CONSTRUCTION.	1998	\$40,000
10	C	31	2702073 San Miguel WS #22	02	Erect fencing for wells and storage tanks.	1998	\$21,302
10	C	31	2702073 San Miguel WS #22	01	Install water meters.	1998	\$9,450
10	C	40	3400130 HERZOG SYSTEM	02	Construct a new 250,000 gallon storage tank for emergency water supply. Involves design and construction.	1998	\$250,000
10	C	40	3400130 HERZOG SYSTEM	01	Replace multiple systems with reliable potable water system; a new 1,000 gpm well and upgrade pipeline distribution system. Involves design and construction.	1998	\$180,000
10	C	42	5000092 OAKDALE IRRIGATION DISTRICT	01	INSTALL ELECTRICAL GENERATOR. INSTALL NEW HYDROPNEUMATIC TANK. OTHER = DESIGN AND CONSTRUCTION.	1998	\$95,000
10	C	45	0800556 HRC C.S.D.	01	Build storage tank and install larger distribution line to replace old line. Provide fire hydrants.	1998	\$250,000
10	C	74	1500484 FITTS WATER SYSTEM	01	UPDATE DISTRIBUTION SYSTEM. OTHER - DESIGN AND CONSTRUCTION.	1998	\$100,000
10	C	75	1500585 OASIS PROPERTY OWNERS ASSOCIATION	02	Drill new well and install storage tank	2000	\$250,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
10	C	75	1500585 OASIS PROPERTY OWNERS ASSOCIATION	01	Drill new well and install storage tank	2000	\$250,000
10	C	75	1500585 OASIS PROPERTY OWNERS ASSOCIATION	03	Drill new well and install storage tank	2000	\$250,000
10	C	75	5000445 OAKDALE RURAL WATER SYSTEM #2	01	INSTALL ELECTRICAL GENERATOR. OTHER = DESIGN AND CONSTRUCTION	1998	\$40,000
10	C	91	5000015 OAKDALE IRRIG DIST #22	01	INSTALL ELECTRICAL GENERATOR. OTHER = DESIGN AND CONSTRUCTION.	1998	\$30,000
10	C	91	5000015 OAKDALE IRRIG DIST #22	02	DRILL BACK-UP WELL. OTHER = DESIGN AND CONSTRUCTION	1999	\$125,000
10	C	105	5000014 OAKDALE IRRIGATION DIST #46	01	INSTALL ELECTRICAL GENERATOR AND NEW PRESSURE TANK. OTHER = DESIGN AND CONSTRUCTION.	1998	\$75,000
10	C	105	5000014 OAKDALE IRRIGATION DIST #46	02	INSTALL BOOSTER STATION. OTHER = DESIGN AND CONSTRUCTION	1999	\$40,000
10	C	120	5602116 SILVER WHEEL TRAILER PARK	01	Replace pipe lines and refurbish well.	2000	\$120,000
10	C	142	5000016 OAKDALE IRRIGATION DIST #41	01	INSTALL ELECTRICAL GENERATOR. REPLACE DISTRIBUTION SYSTEM. OTHER = DESIGN AND CONSTRUCTION	1998	\$155,000
10	C	148	5000013 OAKDALE IRRIGATION DIST #45	01	INSTALL ELECTRICAL GENERATOR. OTHER = DESIGN AND CONSTRUCTION.	1998	\$30,000
10	C	200	4200731 Alegria Domestic Water Company	01	Drill new well for potential build out of system.	1998	\$100,000
10	C	200	5400701 SEQUOIA CREST MUTUAL WATER COMPANY	03	REFINANCE LOANS	1998	\$90,000
10	C	200	5500053 LEISURE PINES MWC	01	INCREASE DEPTH OF EXISTING WELL FROM 325 FEET TO EITHER 600 FEET OR 1000 FEET DEPENDING ON ITS CAPACITY. INSTALL NEW PUMP, METER, AND WIRING.	1998	\$60,000
10	C	204	5000237 NORTH OAKS MUTUAL WATER SYSTEM	01	UPGRADE EXISTING 100 HP AG WELL	1998	\$65,000
10	C	250	4200842 MOBILE HOMES	01	Replace storage tank and install new piping, pump station and fire hydrants.	1998	\$250,000
10	C	250	5000433 OAKDALE IRRIGATION DISTRICT #1	01	INSTALL ELECTRICAL GENERATOR. INSTALL PRESSURE TANK. OTHER = DESIGN AND CONSTRUCTION.	1998	\$75,000
10	C	260	2701658 ARROYO SECO WATER SYSTEM #2	04	Install flowmeter with totalizer	2000	\$1,000
10	C	280	1510052 NORTH EDWARDS WD	01	REPLACE OF EXISTING METERS, AND UPGRADE WELLS 1 AND 2 FACILITIES AND FOUNDATION.	1998	\$75,000
10	C	300	4000222 Avila Beach County Water District	01	Design and construct water tank repairs	1998	\$120,000
10	C	300	4000222 Avila Beach County Water District	02	Design and construction of water line replacement	1998	\$240,000
10	C	300	5010009 KEYS COMMUNITY SERVICES DISTRICT	02	INSTALL GENERATOR. OTHER = DESIGN AND CONSTRUCTION	1998	\$150,000
10	C	430	4100582 COUNTY SERVICE AREA 11	01	Consolidate with another system. (Pescadero High School)	1998	\$50,000

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Bonus	Type	Pop	System # and Name		Pre-App	Project Description	FY	Cost
10	C	630	0800555	Gasquet C.S.D.	03	Study to determine feasibility of developing wells to supply ground water versus the present use of river water.	1998	\$7,000
10	C	630	0800555	Gasquet C.S.D.	04	Purchase a 150 GPM trailer-mounted pump with chlorination facilities and prepare river access for use of alternative source.	1998	\$24,000
10	C	800	5400631	LINNELL FARM LABOR CAMP	01	Installation of new 10,000 gal. Pressure tank	1998	\$50,000
10	C	1300	3610007	BASELINE GARDENS MWC	01	Purchase and install meters	1998	\$300,000
10	C	1300	3610007	BASELINE GARDENS MWC	03	Recoat tank	1998	\$100,000
10	C	1300	3610007	BASELINE GARDENS MWC	02	Purchase and install pressure tank and associated appurtenances to activate well 4	1998	\$100,000
10	C	2700	5510008	LAKE DON PEDRO C S D	01	INSTALL TWO NEW FILTER VESSELS WITH SURFACE WASH FACILITIES.	2000	\$180,000
10	C	3000	3210006	Lake Almanor Country Club MWC	01	Replace existing water mains that are corroded and undersized along with service laterals.	1998	\$4,000,000
10	C	3500	3610109	SHEEP CREEK WATER COMPANY	01	Construct new source	1999	10,521,466
10	C	3600	0310003	Amador County Water Agency-Sutter Creek	04	Extend life of canal through improvements or replace with 8 mile pipeline.	2000	\$6,000,000
10	C	4693	5710005	Winters, City of	03	Replace existing distribution and transmission lines with new mains. Replace all pipes with leaded joints and replace service lines where mains are replaced.	1999	\$1,500,000
10	C	4693	5710005	Winters, City of	02	Construct physical connections between zones and change existing one speed motors to variable speed, install telemetry and remove contaminated well once zones are connected.	1998	\$650,000
10	C	4693	5710005	Winters, City of	01	Install service meters, purchase meter testing and reading equipment. Perform rate study with recommendations for rates and conservation measures.	1999	\$450,000
10	C	4800	2810002	Calistoga, City of	08	Relocate new main along roadway.	2000	\$1,000,000
10	C	4800	2810002	Calistoga, City of	07	Drain and clean tank, recoat with epoxy, clean outside of tank and paint.	1998	\$100,000
10	C	4800	2810002	Calistoga, City of	09	Install inflatable spillway barrier to allow releasing water safely if major storm hit.	1999	\$100,000
10	C	4800	2810002	Calistoga, City of	10	Relocate pump station to area not impacted by floods.	1999	\$100,000
10	C	5000	2710018	City of Seaside	04	Install on-site generator at well #3.	1998	\$75,000
10	C	5000	2710018	City of Seaside	05	Drill new well. Also, will need pumphouse, emergency power, new connections, etc.	1999	\$850,000
10	C	6600	3610015	CRESTLINE VILLAGE CWD - DIVISION 10	02	Annexation of area into CV water district	1999	\$1,815,000
10	C	7000	3610008	BIG BEAR CITY CSD	05	Design reclamation facility to replace potable water used for habit	1998	\$500,000
10	C	11563	1510053	ANTELOPE VALLEY E KERN WTR AGY	02	PROVIDE TWO CHLORINE SCRUBBERS	1998	\$200,000
10	C	11563	1510053	ANTELOPE VALLEY E KERN WTR AGY	01	EXPAND EXISTING PLANT OR INTERCONNECT WITH EXISTING NEARBY PLANT FOR INCREASED CAPACITYAND RELIABILITY. OTHER - DESIGN AND CONSTRUCTION	2000	\$7,300,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
10	C	12000	1510018 ROSAMOND CSD	03	DRILL WELL, INSTALL MOTOR, AND CONNECTING LINES TO EXISTING SYSTEMS	1998	\$200,000
10	C	12576	3610010 BALDY MESA CWD	01	Construct 10 MGD surface water treatment plant	1999	43,884,600
10	C	21450	4010007 PASO ROBLES WATER DEPARTMENT	01	Propose building a 4 million gallon storage tank on the east side of town	1998	\$3,500,000
10	C	23150	4810005 Suisun Solano Water Authority	01	Modify distribution system.	1998	\$214,000
10	C	31000	3410017 CUCC - Parkway	10	A/E Parkway main replacement. Involves design and construction.	1998	\$680,000
10	C	31000	3410017 CUCC - Parkway	04	Sky Parkway backbone main. Involves design and construction.	1998	\$550,000
10	C	31000	3410017 CUCC - Parkway	01	Parksite backwash tank. Involves design and construction.	1998	\$200,000
10	C	31000	3410017 CUCC - Parkway	06	Center Parkway Main replacement. Involves design and construction.	1998	\$270,000
10	C	43000	3610014 CITY OF COLTON	04	Rehabilitate wells	1998	\$200,000
10	C	43000	3610014 CITY OF COLTON	06	Recoat reservoir	1998	\$350,000
10	C	43000	3610014 CITY OF COLTON	01	Recoat reservoir	1998	\$800,000
10	C	43000	3610014 CITY OF COLTON	02	Drill new well and construct new transmission lines	1998	\$3,525,000
10	C	43000	3610014 CITY OF COLTON	05	Install approved coating	1998	\$350,000
10	C	43000	3610014 CITY OF COLTON	07	Recoat reservoir	1998	\$350,000
10	C	43000	3610014 CITY OF COLTON	03	Drill new well and replace transmission lines	1998	\$3,525,000
10	C	48250	5710001 Davis, City of	01	Construct second water storage tank. Involves design and construction.	2000	\$2,500,000
10	C	84290	5410016 VISALIA - CALIFORNIA WATER SERVICE	01	INSTALL GAC TREATMENT. OTHER - DESIGN AND CONSTRUCTION	1998	\$200,000
10	C	84290	5410016 VISALIA - CALIFORNIA WATER SERVICE	02	DESIGN AND CONSTRUCT GAC TREATMENT VESSEL AND UPGRADE PUMP AND MOTOR. OTHER - DESIGN AND CONSTRUCTION	1998	\$225,000
10	C	89486	1910001 ALHAMBRA-CITY, WATER DEPT.	03	Engineering study to determine which of the existing wells could be rehabilitated.	1999	\$300,000
10	C	89486	1910001 ALHAMBRA-CITY, WATER DEPT.	01	Design and construct a VOC treatment plant. Conduct study to determine the cause of the water quality problems.	1998	\$400,000
10	C	89486	1910001 ALHAMBRA-CITY, WATER DEPT.	02	Complete a study to determine the best suited location, in the well field, where a nitrate (ion-exchange) treatment plant could be constructed. Project involves: Study, Design, and Construction.	1998	\$900,000
10	C	1E+05	1910033 DOMINGUEZ WATER CORP	02	Additional chlorine generating facilities installed to prechlorinate for bleaching and post chloraminated for disinfection. Project involves: Refinance, Design, and Construction.	1998	\$250,000
10	C	2E+05	1510003 CALIFORNIA WATER SERVICE - BAKERSFI	02	INSTALL GAC ADSORPTION VESSEL ON THIS WELL. OTHER - DESIGN AND CONSTRUCTION	1999	\$400,000
10	C	2E+05	1510003 CALIFORNIA WATER SERVICE - BAKERSFI	01	Design and construct a Hydrogen Sulfide treatment facility on the new well scheduled to be constructed in this area. Other - Design/Construction	1998	\$260,000



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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
10	C	3E+05	3310009 EASTERN MWD	42	Schedule a program of annual corrosion repairs, and interior and exterior coatings for at least three tanks each year. In addition, where necessary, install cathodic protection, sampling ports, dual manway access, safety ladders and platforms.	1999	\$500,000
10	C	3E+05	3310009 EASTERN MWD	43	Schedule a program of annual corrosion repairs, and interior and exterior coatings for at least three tanks each year. In addition, where necessary, install cathodic protection, sampling ports, dual manway access, safety ladders and platforms.	2000	\$500,000
10	C	3E+05	3310009 EASTERN MWD	44	Schedule a program of annual corrosion repairs, and interior and exterior coatings for at least three tanks each year. In addition, where necessary, install cathodic protection, sampling ports, dual manway access, safety ladders and platforms.	2001	\$500,000
10	C	3E+05	3310009 EASTERN MWD	45	Schedule a program of annual corrosion repairs, and interior and exterior coatings for at least three tanks each year. In addition, where necessary, install cathodic protection, sampling ports, dual manway access, safety ladders and platforms.	2002	\$500,000
10	C	3E+05	3310009 EASTERN MWD	46	Drill and develop three extraction wells along McLaughlin St. in south Perris to extract the contaminated groundwater for subsequent treatment at the proposed Sun City desalination plant.	1999	\$2,501,000
10	C	3E+05	3310009 EASTERN MWD	47	Construct approx. four miles of collection pipeline (exact size to be determined) from proposed extraction wells to the proposed Sun City desalination plant.	1999	\$2,025,000
10	C	3E+05	3310009 EASTERN MWD	39	Develop an annual program to evaluate the various pumping plants and equip them with back-up pumps and/or redundant power supply as needed.	2001	\$250,000
10	C	3E+05	3310009 EASTERN MWD	36	Develop an annual program to evaluate the various pumping plants and equip them with back-up pumps and/or redundant power supply as needed.	1998	\$250,000
10	C	3E+05	3310009 EASTERN MWD	13	Combine both pressure zones and construct a 4.6 MG finished water storage tank and transmission pipeline.	1998	\$4,118,000
10	C	3E+05	3310009 EASTERN MWD	21	Install 3,500' of 30" pipeline to connect the Citrus tanks to the distribution system.	1998	\$1,033,000
10	C	3E+05	3310009 EASTERN MWD	14	Consult a feasibility study complete with fieldwork to determine what will be needed in terms of a new finished water storage tank and/or additional transmission pipelines.	1998	\$100,000
10	C	3E+05	3310009 EASTERN MWD	05	Purchase capacity in the Temescal Valley Regional Interceptor to convey the brine via the Santa Ana Interceptor to convey the brine via the Santa Ana Interceptor to the County Sanitation District of Orange County treatment plant and purchase capacity	1998	10,780,000
10	C	3E+05	3310009 EASTERN MWD	02	Construct four additional groundwater production wells. (2 per yr)	1998	\$1,300,000
10	C	3E+05	3310009 EASTERN MWD	41	Schedule a program of annual corrosion repairs, and interior and exterior coatings for at least three tanks each year. In addition, where necessary, install cathodic protection, sampling ports, dual manway access, safety ladders and platforms.	1998	\$500,000
10	C	3E+05	3310009 EASTERN MWD	16	Consolidate the three systems, construct a 3.4 MG finished water tank and transmission pipelines.	1998	\$4,130,000
10	C	3E+05	3310009 EASTERN MWD	40	Develop an annual program to evaluate the various pumping plants and equip them with back-up pumps and/or redundant power supply as needed.	2002	\$250,000
10	C	3E+05	3310009 EASTERN MWD	04	Construct a water harvesting facility at the San Jacinto Reservoir and equipment same with a pumping plant and pipeline to recover the rain run-off so captured for groundwater recharge.	1998	\$770,000
10	C	3E+05	3310009 EASTERN MWD	17	Construct the transmission pipeline needed to activate the Winchester Ranch tank.	1998	\$477,360
10	C	3E+05	3310009 EASTERN MWD	18	Replace this 0.23 MG tank with a new 0.5 MG finished water tank.	1998	\$250,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
10	C	3E+05	3310009 EASTERN MWD	19	Replace existing 0.21 MG tank with a new 0.315 MG finished water tank in a new location. Replace the leaky distribution pipeline and build a new pump station.	1998	\$1,155,000
10	C	3E+05	3310009 EASTERN MWD	20	Install 2,675 feet of 30" diameter pipeline to connect the tanks to the distribution system. This also requires the installation of 6,400' of 18" diameter raw water pipeline.	1998	\$1,069,500
10	C	3E+05	3310009 EASTERN MWD	38	Develop an annual program to evaluate the various pumping plants and equip them with back-up pumps and/or redundant power supply as needed.	2000	\$250,000
10	C	3E+05	3310009 EASTERN MWD	37	Develop an annual program to evaluate the various pumping plants and equip them with back-up pumps and/or redundant power supply as needed.	1999	\$250,000
10	C	3E+05	3310009 EASTERN MWD	03	Construct four additional groundwater production wells. (2 per yr)	1999	\$1,300,000
10	C	4E+05	3410020 Sacramento, City of	06	Update survey during 1998.	1998	\$200,000
10	C	4E+05	3410020 Sacramento, City of	05	Implement a wellhead protection program in accordance with DHS requirements.	1998	\$330,000
10	C	4E+05	3410020 Sacramento, City of	01	Replace existing pipes with adequate pipe sizes. Involves refinancing and construction.	1998	\$2,900,000
10	C	4E+05	3410020 Sacramento, City of	02	Abandon existing mains and construct new mains in street. Involves refinancing, design and construction.	1998	\$2,500,000
10	C	4E+05	3410020 Sacramento, City of	04	Place new coating and install impressed current cathodic protection systems. Involves design and construction.	1998	\$2,400,000
10	N	25	5000239 LA GRANGE PARK	01	REPAIR OR REPLACE SECONDARY SUBMERSIBLE PUMP. INCREASE STORAGE CAPACITY, REPLACE ELECTRICAL SYSTEM. OTHER = DESIGN AND CONSTRUCTION	1998	\$25,000
10	N	25	5000243 FRANK RAINES PARK	01	NEED ELECTRICITY TO ALTERNATE WELL SITE. INSTALL PUMP, FILTRATION, PIPING AND OTHER ELECTRICAL. OTHER = DESIGN AND CONSTRUCTION.	1998	\$75,000
10	N	25	5000395 BASSO BRIDGE	01	INSTALL LARGER PUMP, ADDITIONAL STORAGE AND PRESSURE SYSTEM. OTHER = DESIGN AND CONSTRUCTION.	1998	\$45,000
10	N	30	3600707 SNOW SUMMIT SKI CORP	01	Design and construct new facilities	1999	\$300,000
10	N	1000	1502357 KERN CO P&R BUENA VISTA AQUATIC REC	01	WATER SYSTEM RECONSTRUCTION AS A RESULT OF CURRENTLY PLANNED STUDY OF OVERALL NEEDS.	1998	\$500,000
10	N	4000	5000165 WOODWARD RESERVOIR PARK	01	REPLACE WELL PUMP AND ELECTRICAL COMPONENTS. REPLACE/IMPROVE CHLORINATION SYSTEM. OTHER = DESIGN AND CONSTRUCTION	1998	\$35,000
5	C	50	5301201 Seymour's Mutual Water System	01	Install six 5,000 gallon water storage tanks.	1998	\$25,000
5	C	54	4200822 SANTA RITA MUTUAL WATER CO	02	install individual user water meters	2000	\$20,000
5	C	60	3700958 LOS TULES MUTUAL WATER CO	01	Would like to be on list	1998	\$0
5	C	62	1500540 MOUNTAIN SPRINGS WATER COMPANY	01	DRILL NEW WELL. OTHER - DESIGN AND CONSTRUCTION	2001	\$75,000
5	C	90	3900927 SPRING CREEK ESTATES	01	CONSOLIDATE WITH CITY OF RIPON. OTHER = DESIGN AND CONSTRUCTION	1998	\$450,000
5	C	100	4400599 Sunset Beach MWC	01	Construct pipeline to City of Watsonville water supply.	1998	\$510,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
5	C	120	3100011 AUBURN VALLEY COUNTRY CLUB	01	Add additional well(s), storage tank, pumphouse improvements and controls (system controls/alarms).	1998	\$325,000
5	C	150	4900611 Rains Creek Water Co.	01	Install remote telemetry unit to monitor tank levels and chlorine conc.	1999	\$50,000
5	C	150	1900147 MESCAL CREEK WATER INC.	05	INSTALL HYDRANTS, METERS, VALVE.	2002	\$275,000
5	C	300	5100107 Sutter Co. WWD#1 (Robbins)	01	Installation of new distribution lines and housing services that are causing the problem.	1998	\$600,000
5	C	350	1910066 LEISURE LAKE MOBILE HOME PARK	01	Line or replace existing transmission lines, and install electric panel for well #2.	1998	\$100,000
5	C	795	2910027 Nevada ID - Snow Mountain	02	Replace with standard water main materials. Involves design and construction.	1998	\$440,000
5	C	800	5601117 SENIOR CANYON MUTUAL WATER CO	07	Creation of a two zone system	1998	\$157,802
5	C	800	5601117 SENIOR CANYON MUTUAL WATER CO	03	Renovate horizontal well	1998	\$46,000
5	C	800	5601117 SENIOR CANYON MUTUAL WATER CO	08	Purchase this privately owned parcel.	1998	\$120,000
5	C	800	5601117 SENIOR CANYON MUTUAL WATER CO	02	Add a reservoir	1998	\$142,393
5	C	800	5601117 SENIOR CANYON MUTUAL WATER CO	04	Replace ancors, cable and pipeline.	1998	\$199,836
5	C	800	5601117 SENIOR CANYON MUTUAL WATER CO	06	Replacement of line.	1998	\$68,655
5	C	920	2910007 Nevada ID - Cascade Shores	03	Replace the redwood tank with a welded steel tank.	1998	\$110,000
5	C	920	2910007 Nevada ID - Cascade Shores	02	Replace the redwood tank with a welded steel tank.	1998	\$95,000
5	C	1086	3910014 San Joaquin County-Raymus Village	01	DRILL NEW WELL. OTHER = DESIGN AND CONSTRUCTION	1998	\$450,000
5	C	1300	5610068 CLOVERDALE MUTUAL WATER Co.	01	System facility replacements and improvements	1998	\$760,000
5	C	1500	5610035 RIO MANOR MUTUAL WATER CO	01	Replace 4 inch diameter hydrants with 6 inch diameter. Install meters to reduce water usage.	1999	\$150,000
5	C	1500	1910012 BELLFLOWER HOME GARDENS WC	02	Installation of 8 inch lines to the distribution system.	1999	\$335,000
5	C	1500	1510025 STALLION SPRINGS CSD	01	PROJECT GROWTH AND FULL USE OF THE RESORT WILL REQUIRE ANOTHER 100-200 GPM AND A 1 MG TANK	2000	\$2,000,000
5	C	1500	5610035 RIO MANOR MUTUAL WATER CO	02	Facility replacements and improvements	1998	\$1,000,000
5	C	1650	1910035 KINNELOA IRRIGATION DIST.	03	Extend distribution line from 1900 Windover Road to 2090 Villa Heights.	1999	\$79,000
5	C	1650	1910035 KINNELOA IRRIGATION DIST.	06	Extend distribution line from Larmona Drive to 1908 N. Kinneloa Canyon	1999	\$88,000
5	C	1650	1910035 KINNELOA IRRIGATION DIST.	05	Extend transmission line from 2090 Villa Heights Road to Crystal Lane.	1999	\$200,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
5	C	1650	1910035 KINNELOA IRRIGATION DIST.	04	Extend distribution line from 3127 Doyne Road to Kinneloa Mesa Road.	1999	\$50,000
5	C	1781	4010023 CAL. CITIES - ROLLING HILLS/EDNA	01	Generator connections	1998	\$15,000
5	C	1781	4010023 CAL. CITIES - ROLLING HILLS/EDNA	02	Automation and telemetry-Country Club and Edna Road Reservoirs.	1998	\$80,000
5	C	2200	1510002 BORON COMMUNITY SERV DIST	01	TREATMENT PLANT FOR ARSENIC	2002	\$660,000
5	C	2200	1510002 BORON COMMUNITY SERV DIST	04	CONSTRUCT 1 MG STORAGE TANK FOR ADDITIONAL BLENDING CAPACITY	1999	\$410,000
5	C	2200	1510002 BORON COMMUNITY SERV DIST	03	CHLORINATION FACILITY FOR TWO WELLS	2001	\$8,500
5	C	2250	5110003 Hillcrest Water Co. Region 1-4	01	Construct two new wells and 4,000 feet of 12" pipeline. Possibly iron and manganese treatment for the new wells.	1998	\$647,900
5	C	3204	3910017 San Joaquin County-Mokelumne Acres	01	DRILL NEW WELLS TO REPLACE CONTAMINATED WELLS. OTHER = DESIGN AND CONSTRUCTION	1998	\$1,500,000
5	C	4740	3110026 Nevada ID - North Auburn	02	Install temporary shoring, patch cracks and holes, relocate system pumps, and replace roof. Involves design and construction.	1998	\$560,000
5	C	4740	3110026 Nevada ID - North Auburn	01	Add flash mix equipment. Involves design and construction.	1998	\$215,000
5	C	4740	3110026 Nevada ID - North Auburn	03	Add 3.0 MG storage tank. Involves design and construction.	1999	\$1,700,000
5	C	4807	3610062 RUNNING SPRINGS WATER DISTRICT	03	Drill new well	1998	\$125,000
5	C	4807	3610062 RUNNING SPRINGS WATER DISTRICT	11	Construct 200k gallon reservoir	1999	\$160,000
5	C	4807	3610062 RUNNING SPRINGS WATER DISTRICT	01	Drill new well	2000	\$30,000
5	C	4807	3610062 RUNNING SPRINGS WATER DISTRICT	05	Drill new well	2002	\$100,000
5	C	4807	3610062 RUNNING SPRINGS WATER DISTRICT	04	Drill new well	1999	\$300,000
5	C	4807	3610062 RUNNING SPRINGS WATER DISTRICT	02	Drill new well	2001	\$90,000
5	C	4840	2910014 Nevada ID - Lake of Pines	02	Replace both redwood tanks with welded steel tank.	1999	\$420,000
5	C	5800	4010014 CAMBRIA COMM SERVICES DIST	04	Seawater desalination plant with beach wells	1999	10,000,000
5	C	5800	4010014 CAMBRIA COMM SERVICES DIST	05	Provide alternate temporary routing of the pipeline during construction and replacement of at least 300 ft. of pipeline.	1999	\$150,000
5	C	6400	1310006 Imperial - City of	02	Design and construct sludge removal improvements and filter improvements.	1998	\$1,500,000
5	C	9738	4910012 Sonoma, City of	01	Relocate tank to higher elevation in order to serve certain area of system. Project would include site assessment, acquisition, tank construction, system line-up and possible booster pump construction.	1998	\$500,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
5	C	10000	1900046 PETER PITCHESS HONOR RANCHO. LA CO.	06	REPAIR AND REPLACE EXISTING VALVES	1998	\$44,500
5	C	10000	1900046 PETER PITCHESS HONOR RANCHO. LA CO.	01	SANDBLAST AND RECOAT INTERIOR AND EXTERIOR OF THE RESERVOIRS.	1998	\$1,244,000
5	C	10000	1900046 PETER PITCHESS HONOR RANCHO. LA CO.	05	SUPPLY CATHODIC PROTECTIONS FOR WELLS	1998	\$43,525
5	C	10000	1900046 PETER PITCHESS HONOR RANCHO. LA CO.	03	INSTALL NEW VALVES AND WATER METERS	1998	\$52,430
5	C	10000	1900046 PETER PITCHESS HONOR RANCHO. LA CO.	02	INSTALL PIPING TO CONNECT THE 2 RESERVOIRS	1998	\$296,250
5	C	10740	0910001 El Dorado ID - Main	19	Remove and replace old media with new mixed media filter material.	1998	\$300,000
5	C	14000	0710002 Bay Point-Southern California Water	01	Replace all control valves and meters on the pressure filters at the Hill Street Treatment Plant.	1998	\$25,000
5	C	14000	0710002 Bay Point-Southern California Water	05	Drill new well.	1998	\$75,000
5	C	14000	0710002 Bay Point-Southern California Water	03	Repair of Aluminum and Caustic Soda chemical containment enclosures at the Hill Street Treatment Plant.	1998	\$75,000
5	C	14750	3410018 Rio Linda Water District	03	Refinance.	1998	\$8,000,000
5	C	20000	4910013 Valley of the Moon Water District	01	Construct additional wells.	1998	\$350,000
5	C	22000	5610009 PORT HUENEME WATER DEPT	02	Remove the elevated water storage tank and replace the operational controls for the wells with programmable logic controllers and one variable speed drive. The water distribution system capacity and reliability will be improved during a water outage	1998	\$80,000
5	C	23888	1910143 SAN FERNANDO-CITY, WATER DEPT.	05	Recondition well column and casing. Clean well screens and replace pump/motor. Project involves: Design to solve problem and Construction	2000	\$85,000
5	C	28900	3010035 Southern Calif WC - Placentia	01	Study the need to install chloramination facilities.	1998	\$65,000
5	C	30500	3110025 Placer CWA - Foothill	06	Construct 20 million gallons of storage. Involves design and construction.	1999	22,000,000
5	C	30500	3110025 Placer CWA - Foothill	05	Design and construct pipeline from Auburn Tunnel pump station to Foothill Water Treatment Plant.	1998	11,000,000
5	C	38700	3410004 Carmichael Water District	03	Abandonment of wells.	1999	\$150,000
5	C	39000	5110002 City of Yuba City	11	Drill a new well.	1998	\$665,000
5	C	39000	5110002 City of Yuba City	04	Construction of liquid chlorination system.	1998	\$255,000
5	C	39000	5110002 City of Yuba City	02	Rehabilitate existing filters.	1999	\$1,000,000
5	C	39000	5110002 City of Yuba City	10	Install new pipelines to increase water flows to low pressure areas.	1998	\$1,900,000
5	C	39000	5110002 City of Yuba City	03	Construction of Ranney Collection system for raw water intake.	1998	11,250,000
5	C	39000	5110002 City of Yuba City	05	Rehabilitate storage tanks with baffles and reroute piping around treatment plant.	1998	\$1,126,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
5	C	39000	5110002 City of Yuba City	06	Replace existing main breaker, plant feeder conduits and conductors, and install a 400 kW generator.	1998	\$1,500,000
5	C	39000	5110002 City of Yuba City	07	Rehabilitate sedimentation basins.	1999	\$1,000,000
5	C	39000	5110002 City of Yuba City	08	Construct new backwash sump and pump station.	1998	\$525,000
5	C	39000	5110002 City of Yuba City	01	Construct two new dual media filters.	1998	\$2,250,000
5	C	39000	5110002 City of Yuba City	09	Construct a 3.0 MG storage tank, pump station and appurtenances.	2000	\$3,360,000
5	C	41840	3410015 Southern CA Water Co - Cordova Wate	02	Install a complete self-cleaning debris rack on the intake.	1998	\$15,000
5	C	41840	3410015 Southern CA Water Co - Cordova Wate	03	Install industry approved water sampling stations in the system.	1998	\$45,000
5	C	45000	3610029 MONTE VISTA CWD	06	Construct pump to waste lines to divert flow to perc basin	1998	\$150,000
5	C	45000	3610029 MONTE VISTA CWD	12	Construct new booster at Plant 16	1998	\$60,000
5	C	45000	3610029 MONTE VISTA CWD	13	Construct new reservoir	2000	\$4,000,000
5	C	69455	1010003 CLOVIS, CITY OF	03	CONSTRUCT A 2 MG RESERVOIR WITH BOOSTER PUMPS.	1998	\$2,405,000
5	C	69455	1010003 CLOVIS, CITY OF	01	EXPANSION OF THE CITY'S GROUNDWATER RECHARGE FACILITY.	1999	\$2,400,000
5	C	69455	1010003 CLOVIS, CITY OF	02	CONSTRUCTION OF A SURFACE WATER TREATMENT PLAN TO REDUCE RELIANCE OF GROUNDWATER PUMPING.	1998	\$9,400,000
5	C	75000	0710001 City of Antioch	01	Replace deteriorated mains with new and larger mains.	2000	\$250,000
5	C	96073	1910070 LOS ANGELES CO WW DIST 4 & 34-LANCA	02	CONSTRUCT 10,600 LINEAR FEET OF 24" WATER MAIN	1999	\$1,586,000
5	C	96073	1910070 LOS ANGELES CO WW DIST 4 & 34-LANCA	01	CONSTRUCT 11,100 LINEAR FEET OF 24" WATER MAIN	1998	\$1,660,000
5	C	97000	3010004 Mesa Consolidated WD	03	Installation of a permanent pipeline.	1998	\$1,000,000
5	C	97000	3010004 Mesa Consolidated WD	31	Replace 190 fire hydrants	2000	\$206,000
5	C	97000	3010004 Mesa Consolidated WD	25	Replacement of existing polybutelene pipes with copper service lines.	1998	\$8,400,000
5	C	97000	3010004 Mesa Consolidated WD	32	Switch to sodium hypochlorite	2000	\$86,000
5	C	1E+05	5010040 SOUTH SAN JOAQUIN IRRIGATION DISTRI	01	NEW SURFACE WATER TREATMENT PLANT WOULD PROVIDE BACK-UP WATER SUPPLY. OTHER = DESIGN AND CONSTRUCTION.	1998	75,000,000
5	C	1E+05	3610041 SAN GABRIEL VALLEY WC - FONTANA	03	Construct 10 MGD SWTP to increase reliability (Phase I)	1999	10,000,000
5	C	1E+05	3610041 SAN GABRIEL VALLEY WC - FONTANA	04	Construct 10 MGD SWTP to increase reliability (Phase II)	2002	10,000,000
5	C	5E+05	4910020 Sonoma County Water Agency	03	Install early warning systems in three locations to detect contamination before water is delivered to Agency customers.	1998	\$1,615,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
5	C	1E+06	3710020 San Diego - City of	41	(La Jolla View Reservoir) Repair existing deficiencies.	1998	\$308,000
5	C	1E+06	3710020 San Diego - City of	38	See attached. SCADA	1998	\$3,551,000
5	C	1E+06	3710020 San Diego - City of	34	This project would provide for the design and construction or modification of a number of the treatment plants auxiliary systems.	2000	10,000,000
5	C	1E+06	3710020 San Diego - City of	29	Alvarado Water Filtration Plant Expansion and Rehabilitation Project: Contract 8, Electrical Improvements.	1998	\$7,300,000
5	C	1E+06	3710020 San Diego - City of	42	See attached: Scripps Ranch Reservoir	1998	\$762,300
5	C	1E+06	3710020 San Diego - City of	13	Alvarado water filtration plant expansion and rehabilitation project: operations building.	1998	\$9,500,000
5	P	175	4400660 RANCHO SAN ANDREAS	01	Purchase and install new well pump and motor in existing well	2000	\$3,500
5	P	2926	3400173 NORTHGATE 880	01	Construct a 500,000 gallon water storage tank. Involves design and construction.	1998	\$500,000
5	P	2926	3400173 NORTHGATE 880	02	Construct a new 1,200 gpm well and chlorine treatment system. Involves design and construction.	1998	\$200,000
5	N	25	1900831 DECKER CANYON YOUTH CAMP	01	INSTALL AN ADDITION TANK (15,000 GAL)	1998	\$34,000
5	N	25	4000598 CUYAMA LANE WATER COMPANY	01	Upgrade the entire water system & replace leaking hydrants	1998	\$100,000
5	N	40	5301103 Covington Mill - A	04	Cut a new shelf around 200 to 300 feet using backhoe or small cat. Clean out headgate. Put in new 6-inch PVC pipe	1998	\$12,000
5	N	40	5301103 Covington Mill - A	03	Design and install a water meter on each service connection.	2000	\$20,000
5	N	40	5301103 Covington Mill - A	01	Replace existing tank with a 53,500 gallon steel water tank.	1998	\$40,000
5	N	80	0300667 Golden Valley Camp	01	DRILL NEW WELL	1998	\$10,000
5	N	100	5601306 Conservation Endowment Fund	01	Upgrade (new) pipe, possible filter treatment system	1998	\$15,000
5	N	120	5301104 Trinity Lake Forest	01	Drill an additional well and have additional storage facility.	2002	\$150,000
5	N	250	5500136 BERKELEY CAMP	01	INSTALL AUTOMATED BACKWASH SYSTEM, PLANT SHUTDOWN AND ALARM SYSTEMS.	1998	\$41,000
5	N	250	3600589 OLD BALDY COUNCIL BSA	01	Construct new reservoir	1999	\$150,000
5	N	300	1502325 KERN CO P&R - TEHACHAPI MT PARK WAT	01	REPLACE BOTH TANKS	1998	\$120,000
5	N	450	3410035 Lighthouse Marina Complex	01	Install new filter, new lines and new tanks.	1998	\$45,000
0	C	0	5610050 CALLEGUAS MUNICIPAL WATER DIST	02	Replace the pipelines or install small diameter pipelines inside.	1999	20,000,000
0	C	25	5000099 DEL RIO EAST WATER SYSTEM	01	THEY PROPOSE TO DRILL A NEW WELL. CITY OF MODESTO HAS PUBLIC WATER ABOUT 1000 TO 2000 FEET FROM THIS SYSTEM. THEY SHOULD CONNECT TO THE MODESTO DEL RIO SYSTEM.	1998	\$75,000
0	C	32	1502619 SOUTH DESERT MUTUAL	01		1998	\$10,000

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Bonus	Type	Pop	System # and Name		Pre-App	Project Description	FY	Cost
0	C	35	0400003	Northwoods Mutual Water System	03	Replace existing distribution system mains.	1998	\$10,000
0	C	35	4200804	WALKING M RANCHES ASSOC	01	Either new well in different location or new non metal distribution system and well pump.	1998	\$69,000
0	C	35	2700536	Corral de Tierra Estates	01	Abandon and close the auxiliary well.	1998	\$2,500
0	C	39	1500344	SOUTH KERN MUTUAL WATER COMPANY	01	Call S.A. Camp Pump Co. and have them fix it. OTHER - Design and Construction	2002	\$250,000
0	C	40	1900961	WINTERHAVEN MH ESTATES	01	Remove and construct new reservoir.	2000	\$80,000
0	C	47	4900892	Summit View Ranch Mutual Water Co.	01	Add storage of 20 to 40,000 gals and associated plumbing linkage.	2000	\$50,000
0	C	50	2800683	Country Inn	01	Install back well or additional storage and treatment for hard water.	1998	\$40,000
0	C	50	3310302	Lake Perris SRA	02	Hire outside certified backflow repair and test contractor to repair, replace, and test.	1998	\$13,500
0	C	50	4900846	Rolling Oaks Road Association	01	Descale and flush well casing. If this does not work, then drill new well.	1998	\$20,000
0	C	54	4200822	SANTA RITA MUTUAL WATER CO	01	Install meters at each service	1998	\$20,000
0	C	60	3900517	ALMOND PARK	01	RENOVATE WELL, REPLACE PUMP, AND INSTALL AUXILIARY POWER. CONSOLIDATE WITH NEIGHBORING SYSTEMS. OTHER = DESIGN AND CONSTRUCTION	1998	\$450,000
0	C	60	2700686	Garlen Court WS	02	Deepen existing well.	1999	\$35,000
0	C	75	4100512	LOMA MAR MUTUAL WATER COMPANY	03	Install new pumping station/	1998	\$60,000
0	C	76	3900714	SUNNYSIDE ESTATES	01	CONSTRUCT NEW WELL AND ADD AUXILIARY POWER. OTHER = DESIGN AND CONSTRUCTION	1998	\$450,000
0	C	93	5601122	TICO MUTUAL WATER CO	04	Acquisition and installation of water meters	1998	\$50,000
0	C	95	4200837	RANCHO YNECITA MUTUAL WCO	01	Acid clean well and replace pump, motor etc.	1998	\$25,000
0	C	100	3410145	Arcade Water District - Sierra Oaks	01	Install wellhead treatment facilities to remove nitrate. Involves study, design and construction.	1998	\$2,250,000
0	C	100	3410145	Arcade Water District - Sierra Oaks	02	Install water mains to serve entire area, replace private wells, and improve (increase capacity) wells. Involves design and construction.	2000	\$4,200,000
0	C	105	3900512	MORADA ACRES	01	IMPROVE DISTRIBUTION SYSTEM WITH NEW, LARGER LINES. INSTALL AUXILIARY POWER. CONSOLIDATE WITH NEIGHBORING SYSTEM. OTHER = DESIGN AND CONSTRUCTION.	1998	\$250,000
0	C	109	3900523	MORADA MANOR	01	REPLACE WELL AND INSTALL AUXILIARY POWER. CONSOLIDATE WITH NEIGHBORING SYSTEM. OTHER = DESIGN AND CONSTRUCTION	1998	\$450,000
0	C	120	2110007	Coast Springs Water Company	01	Replace with new reservoir.	1998	\$100,000
0	C	130	4200891	JONATA SPRGS RANCH H O A	01	replace 3000 feet of 6 inch line.	1998	\$20,000
0	C	158	3900722	MORADA ESTATES MAINTENANCE	01	CONSTRUCT PRESSURE TANK AND BOOSTER PUMP. CONSOLIDATE WITH NEIGHBORING SYSTEMS. OTHER = DESIGN AND CONSTRUCTION.	1998	\$300,000



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Bonus	Type	Pop	System # and Name		Pre-App	Project Description	FY	Cost
0	C	180	3600400	APPLE VALLEY VILLAGE MHP	01	Construct filtration system	1998	\$20,000
0	C	195	1500380	DE RANCHO Y MOBILE VILLA WATER	01		2002	\$50,000
0	C	200	2100519	ESTERO MUTUAL	01	Replacement of storage tank.	2002	\$100,000
0	C	200	4200560	SISQUOC WATER SYSTEM	02	Install automation and telemetry at the Siquoc plant.	1998	\$30,000
0	C	200	4200560	SISQUOC WATER SYSTEM	01	Construct new 10,000 gallon reservoir.	1998	\$10,000
0	C	250	3901216	SANTOS RANCH 5	01	CONNECT TO CITY OF TRACY WATER AND BLEND. (APPEARS TO BE INTERCONNECTION, NOT CONSOLIDATION). OTHER = DESIGN AND CONSTRUCTION	1998	\$600,000
0	C	300	3110028	Northstar C.S.D.	01	Develop groundwater storage. Involves study, design and construction.	1998	\$250,000
0	C	300	4400598	GREENBELT WATER COMPANY	02	Install control system and booster pump/pressure tank and connect to system.	2000	\$6,500
0	C	300	1900975	WHITE ROCK LAKE RV PARK	01	REPLACE GALVANIZED PIPES TO PLASTIC PIPES.	1998	\$58,000
0	C	343	3700905	PINE HILLS MUTUAL WATER CO.	04	Drain and clean storage tank and sump; inspect sump tank and repair as needed.	1999	\$35,000
0	C	343	3700905	PINE HILLS MUTUAL WATER CO.	03	Implement a SCADA system (Supervisory Control and Data Acquisition System)	1999	\$75,000
0	C	350	1500544	ENOS LANE PUBLIC UTILITY DISTRICT	01	LOOP THE SYSTEM	1998	\$500,000
0	C	380	3110029	Alpine Springs County Water Distric	01	Replace the redwood tank with a steel tank. Involves design and construction.	2001	\$500,000
0	C	447	5000066	MODESTO MHP	01	Connect to City of Modesto	1999	\$220,000
0	C	495	4200881	OAK TRAILS ESTATES LTD	01	Drill and install new 100 HP pump and 12 inch well.	1998	\$125,000
0	C	610	4010003	SAN MIGUELITO MWC	06	Purchase a mobile standby power unit and install compatible receptackles for wells, boost stations and treatment plant.	1999	\$75,000
0	C	610	4010003	SAN MIGUELITO MWC	01	Replace steel floor, construct new tank roof install new tank appurtenances, sandblast and paint tank then install cathodic protection system.	1998	\$65,000
0	C	610	4010003	SAN MIGUELITO MWC	07	Replace single pump with a standard dual pump, alternating boost station.	1998	\$30,000
0	C	610	4010003	SAN MIGUELITO MWC	02	Replace corroded steel and tank floors if necessary, sandblast and paint tanks then install cathodic protection system for all tanks.	1998	\$100,000
0	C	610	4010003	SAN MIGUELITO MWC	03	Test existing Hot Well and East Harford wells for treatability and production.	1999	\$15,000
0	C	610	4010003	SAN MIGUELITO MWC	04	Research feasibility of local groundwater basin (hot well) to store excess treated water.	1998	\$10,000
0	C	610	4010003	SAN MIGUELITO MWC	09	Install an eight inch loop connection to add redundancy to the system, enabling repairs without shutting down service to the entire system	1999	\$30,000
0	C	670	3910024	San Joaquin County - Wilkinson Mano	02	IMPROVE DISTRIBUTION, CONSTRUCT NEW WELL AND ADD AUXILIARY POWER. CONSOLIDATE WITH SEVERAL NEIGHBORING SYSTEMS. OTHER = DESIGN AND CONSTRUCTION	1998	\$600,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
0	C	690	5610006 YERBA BUENA WATER COMPANY	01	Construct a backup well with 50 HP turbine pump, 250,000 gallon additional steel tank, 3000 feet of new 8 inch water main line	2000	\$300,000
0	C	770	3110020 Squaw Valley County Water Dist	01	Develop a new water source. Involves design and construction.	1998	\$300,000
0	C	770	3110020 Squaw Valley County Water Dist	02	The District's objective is to proceed with the design and construction of a 3 MGD water treatment plant for iron and manganese removal should acceptable water quality not to be found.	1999	\$1,000,000
0	C	860	3910018 San Joaquin River Club	01	TAKE SURFACE WATER FROM SAN JOAQUIN RIVER AND TREAT WITH SURFACE WATER TREATMENT PLANT. OTHER = DESIGN AND CONSTRUCTION	1999	\$750,000
0	C	935	4910010 Sonoma County CSA 41-Fitch Mountain	01	Install 30,000 gal tank on an easement near the top of the mountain. Install a higher head pump at the booster station and extend the water line up to the new tank.	1998	\$60,000
0	C	978	1910075 LOS ANGELES CO WW DIST 21-KAGEL CAN	08	REPLACE 3000 FT OF 4" DISCHARGE MAIN.	2001	\$340,000
0	C	1000	3110041 Midway Heights C. W. D.	01	District would install/construct a package treatment plant which would lower costs and provide a high quality supply to meet present and future needs.	1999	\$200,000
0	C	1200	2110001 Inverness Public Utility Dist	01	Replace old finished water tanks.	1999	\$225,000
0	C	1200	2110001 Inverness Public Utility Dist	02	Purchase and install another microfiltration membrane package unit capable of producing an additional 50 gpm	1998	\$140,000
0	C	1300	4010025 SLO CWD NO. 10 - CAYUCOS	02	REPLACE & RELOCATE APPROX. 1500 FEET OF 4 INCH LINE WITH 8 INCH LINE, INCLUDES RIGHT OF WAY ACQUISITION.	1999	\$80,000
0	C	1300	1910023 AVERYDALE MWC	01	Drill a replacement well.	1998	\$100,000
0	C	1300	4010025 SLO CWD NO. 10 - CAYUCOS	01	DESIGN & CONSTRUCT A WATER LINE REPLACEMENT PROGRAM	1999	\$300,000
0	C	1500	2110004 Stinson Beach County Wtr Dist	02	Storage tank coating system repairs.	1998	\$115,000
0	C	1500	2110004 Stinson Beach County Wtr Dist	08	Provide metal building cover over package plant treatment units.	2000	\$130,000
0	C	1500	2110004 Stinson Beach County Wtr Dist	06	Design and construct two new storage tanks to replace the existing tanks.	1999	\$120,000
0	C	1500	2110004 Stinson Beach County Wtr Dist	05	Automate facility high service pumping operation and emergency warning.	1998	\$75,000
0	C	1500	2110004 Stinson Beach County Wtr Dist	03	Construct additional treated water storage capacity	1999	\$250,000
0	C	1500	2110004 Stinson Beach County Wtr Dist	09	Surface water source upgrades.	1998	\$35,000
0	C	1500	3110019 Squaw Valley Mutual Water Comp	01	Rehabilitation of Wells #1 & 2.	1998	\$70,000
0	C	1500	3110019 Squaw Valley Mutual Water Comp	03	Replace old well with new one.	2002	\$300,000
0	C	1500	3110019 Squaw Valley Mutual Water Comp	02	Replace with new pipe.	2002	\$360,000
0	C	1700	2110005 Bolinas Community PUD	01	Design and construction	2000	\$1,500,000
0	C	1800	1910249 WHITE FENCE FARMS MUTUAL WATER CO.	02	Remove the existing coating by sand blasting to a near white profile and recoat with a NSF approved epoxy paint.	1998	\$20,000
0	C	2000	2110006 North Marin WD - Pt. Reyes	04	Salinity monitoring equipment	1998	\$5,000

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Bonus	Type	Pop	System # and Name		Pre-App	Project Description	FY	Cost
0	C	2000	2110006	North Marin WD - Pt. Reyes	14	Develop a wellhead protection.	2000	\$10,000
0	C	2000	2110006	North Marin WD - Pt. Reyes	11	Construct new tank at same site.	1998	\$17,000
0	C	2000	2110006	North Marin WD - Pt. Reyes	02	Additional new well.	1998	\$56,000
0	C	2000	2110006	North Marin WD - Pt. Reyes	06	Study of storage needs	1998	\$10,000
0	C	2000	2110006	North Marin WD - Pt. Reyes	03	Design and construct transmission line to treatment facility from upstream well site.	1998	\$350,000
0	C	2000	2110006	North Marin WD - Pt. Reyes	10	Replace Olema tank.	1998	\$80,000
0	C	2000	2110006	North Marin WD - Pt. Reyes	08	Additional storage.	1998	\$0
0	C	2000	2110006	North Marin WD - Pt. Reyes	09	Design and construct new storage facilities to replace redwood.	2002	\$350,000
0	C	2000	2110006	North Marin WD - Pt. Reyes	19	Balance system with an identical large filter and removing small.	1999	\$38,300
0	C	2000	2110006	North Marin WD - Pt. Reyes	01	Additional storage.	1998	\$300,000
0	C	2000	2110006	North Marin WD - Pt. Reyes	07	Improve Bear Valley pump station.	2000	\$55,000
0	C	2000	2110006	North Marin WD - Pt. Reyes	18	Make modifications to chlorine feed system to make permanent.	1998	\$25,000
0	C	2000	2110006	North Marin WD - Pt. Reyes	05	Pipeline replacements.	1999	\$15,000
0	C	2000	2110006	North Marin WD - Pt. Reyes	17	Plant improvements adding proportional chemical feed pumps and additional automation.	1998	\$40,000
0	C	2043	3310004	Box Springs MWC	02	Installation of biological denitrification system	1998	\$1,100,000
0	C	2100	5610058	CRESTVIEW MUTUAL WATER CO	01	Add secondary treatment of either ozone or biological filtration to remove TOC & color.	2000	\$600,000
0	C	2280	1910185	LOS ANGELES CO WW DIST 36-VAL VERDE	03	CONSTRUCT ABOUT 3,000 FT. OF PIPELINE ALONG ROMERO CANYON ROAD TO PROVIDE A LOOP SYSTEM INTO THE TANK AND ALLEVIATE THE DEAD END PROBLEM.	2000	\$300,000
0	C	2280	1910185	LOS ANGELES CO WW DIST 36-VAL VERDE	06	INSTALLATION OF EMERGENCY GENERATORS AT TWO CRITICAL PUMP STATIONS.	2001	\$200,000
0	C	2400	5610015	VENTURA CWWD NO. 19 - SOMIS	04	Construct a 4,500 LF of 10-inch water line to replace existing 8-inch CI water line.	1999	\$297,000
0	C	2400	5610015	VENTURA CWWD NO. 19 - SOMIS	03	Construct 2,500 LF of 12-inch water line to replace existing 6 inch CML steel water line.	1999	\$182,000
0	C	2400	5610015	VENTURA CWWD NO. 19 - SOMIS	06	Construct 2,200 LF of 8-inch water lines to replace existing water lines.	2000	\$131,000
0	C	2400	5610015	VENTURA CWWD NO. 19 - SOMIS	07	Construct 8,300 LF of 8-inch water line to replace existing water lines.	2001	\$493,000
0	C	2500	1910241	MESA CREST WATER CO.	02	See attached recommendations. involves: Design to solve problem and Construction	Project 1998	\$50,000
0	C	2500	3710039	Pine Valley MWC	04	Drilling of 2 additional wells to replace the above mentioned.	1999	\$250,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
0	C	2500	1910241 MESA CREST WATER CO.	01	See attached recommendations. involves: Design to solve problem and Construction	1998	\$50,000
0	C	2937	1910248 LOS ANGELES CO WW DIST 37- ACTON	02	CONSTRUCT A 300,000 GALLON INTERMEDIATE TANK TO PROVIDE STORAGE.	1999	\$330,000
0	C	3200	3110009 Meadow Vista County Water Dist	01	Replace 16,000 feet with 8 inch pipe.	1998	\$560,000
0	C	4300	4010018 CAL. CITIES - VISTA/NIPOMO	01	Groundwater Management Plan	1998	\$5,000
0	C	4428	3610125 SBNDNO COUNTY SERVICE AREA 70J	01	Construct 4 new reservoirs and 3 new wells	1998	\$3,100,000
0	C	5000	5610008 PLEASANT VALLEY MUTUAL WATER CO	04	Replace all steel lines with PVC.	2000	\$197,000
0	C	5000	5610008 PLEASANT VALLEY MUTUAL WATER CO	02	Installed On-site chlorine generation system to meet the County requirements.	2002	\$150,000
0	C	5000	5610008 PLEASANT VALLEY MUTUAL WATER CO	07	Pulled Well No. 9 and determined the best way to fix the problem is to replace liner.	2002	\$60,000
0	C	5000	5610008 PLEASANT VALLEY MUTUAL WATER CO	08	Replace all steel lines with PVC.	1998	\$399,000
0	C	5000	5610008 PLEASANT VALLEY MUTUAL WATER CO	05	Drain and inspect tanks and determine the best way to fix the problem.	2001	\$200,000
0	C	5000	5610008 PLEASANT VALLEY MUTUAL WATER CO	06	Drain and inspect tanks and then determine the best ways to fix the problem.	2002	\$100,000
0	C	5030	3610112 SBDNO COUNTY SERV. AREA 70C	01	Construct telemetry system	1998	\$150,000
0	C	5997	1910250 NEWHALL CWD-PINETREE	02	Install pump, motor, and electrical equipment to pump 800 gpm from Well No. 1 and discharge piping to Soledad Canyon Road. Project involves: Design to solve problem, and Construction	1998	\$250,000
0	C	5997	1910250 NEWHALL CWD-PINETREE	03	Construct 9,000 feet of 16-inch diameter pipeline from Oak Springs Boulevard to Pinetree storage tank (See Exhibit) Project involves: Design to solve problem, and Construction	1998	\$1,575,000
0	C	6380	2910023 Nevada ID - Lake Wildwood	02	Replace section of canal with pipeline. Involves design and construction.	1998	\$550,000
0	C	6380	2910023 Nevada ID - Lake Wildwood	01	Encase and armor canal headworks. Project involves design and construction.	1999	\$280,000
0	C	6380	2910023 Nevada ID - Lake Wildwood	03	Relocate siphon around washout. Involves design and construction.	1998	\$170,000
0	C	6380	2910023 Nevada ID - Lake Wildwood	08	Replace redwood tank with welded steel tank. Involves design and construction.	2000	\$180,000
0	C	6380	2910023 Nevada ID - Lake Wildwood	04	Add a second pump. Involves design and construction.	1998	\$45,000
0	C	6380	2910023 Nevada ID - Lake Wildwood	05	Add a second pump. Involves design and construction.	1998	\$95,000
0	C	7145	4910023 Citizens Utilities-Larkfield Distri	01	Improvements to existing water treatment plant.	1998	\$210,000
0	C	7679	3610121 SBDNO COUNTY SERVICE AREA 64	01	Construct 1 MG reservoir	1998	\$400,000

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Bonus	Type	Pop	System # and Name		Pre-App	Project Description	FY	Cost
0	C	8000	3410002	SCWMD - Arden Park Vista	09	Construct main replacement project. Involves design and construction.	1998	\$2,000,000
0	C	8000	3410002	SCWMD - Arden Park Vista	08	Acquire site for 250,000 gallon storage tank and booster station.	1998	\$100,000
0	C	8000	1910060	LA PUENTE VALLEY CWD	07	Replace existing reservoir with 250,000 gal. steel reservoir. Project involves: Design to solve problem, and Construction	2001	\$500,000
0	C	8000	3410002	SCWMD - Arden Park Vista	07	Design and construct a 250,000 gallon storage tank and booster station.	1998	\$250,000
0	C	8000	3410002	SCWMD - Arden Park Vista	06	Perform an engineering study to define a main replacement program.	1998	\$100,000
0	C	8047	4010017	CAL. CITIES - LOS OSOS	02	Water sampling stations (6)	1998	\$30,000
0	C	8047	4010017	CAL. CITIES - LOS OSOS	01	Groundwater Management Plan	1998	\$10,000
0	C	8154	5610014	SOUTHERN CALIFORNIA WATER CO - OJAI	01	Electrical upgrades at the San Antonio and Gorham well	1998	\$300,000
0	C	8460	3410033	Florin County Water District	03	Transmission mains for conjunctive use distribution.	1998	\$0
0	C	8460	3410033	Florin County Water District	01	Rehabilitation and replacement of aged and antiquated system.	1998	\$0
0	C	8460	3410033	Florin County Water District	02	Transmission mains to convey treated water from centralized treatment plant.	1998	\$0
0	C	8788	1910096	NEWHALL CWD-NEWHALL	01	The proposed 30-inch diameter San Fernando Road pipeline 11,000' will reduce friction loss between the well field and Tank 9 and thereby increase well production. This line will also be dedicated pipeline to Tank 9 and thereby provide blending capac	1998	\$2,000,000
0	C	9500	2810005	American Canyon, City of	03	Construction of minimum two MGPD treatment plant.	2001	\$3,500,000
0	C	9527	5610039	CHANNEL ISLANDS BEACH CSD	02	Decommission three wells.	2000	\$60,000
0	C	11100	4210007	MONTECITO WATER DIST	03	Construct pump station and additional piping.	1998	\$770,000
0	C	11100	4210007	MONTECITO WATER DIST	01	Replace pipelines and install pump station.	1998	\$5,100,000
0	C	11100	4210007	MONTECITO WATER DIST	05	Rehab tunnel.	1999	\$725,000
0	C	11213	3610120	SBDNO COUNTY SERVICE AREA 70L	01	Construct 6 new reservoirs and 4 new wells	1998	\$4,400,000
0	C	12000	4110011	Coastside County Water Dist	03	Replace existing 10 inch diameter pipeline with a 16 inch pipeline.	1999	\$2,500,000
0	C	12000	4110011	Coastside County Water Dist	01	This project will replace 3,300 lineal feet of 12" transmission pipeline with 24" ductile iron pipeline.	1998	\$800,000
0	C	12000	4110011	Coastside County Water Dist	02	Replace 2,300 lineal feet of existing 12" welded steel transmission pipeline with 12" ductile iron pipeline.	1998	\$500,000
0	C	12100	4210020	Santa Ynez River Water Cons. Distri	01	Replace liner and upgrade piping and inlet/outlet.	1998	\$1,500,000
0	C	12100	4210020	Santa Ynez River Water Cons. Distri	04	Implement slope stabilization measures necessary to control embankment creep below the reservoir and reservoir reconditioning.	1999	\$2,500,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
0	C	12440	4010004 GROVER BEACH WATER DEPARTMENT	01	Repair and replace corroded members including floor, sandblast and recoat, new cathodic protection	1998	\$350,000
0	C	13000	3510001 City of Hollister	01	Construct a surface water treatment plant and delivery system to utilize the Central Valley Project Waer that is locally available.	1998	10,800,000
0	C	14000	5610043 OAK PARK WATER SERVICE	01	Seismic upgrades for tanks and aquifer storage approx. 1,000 acre feet where no wells currently exists.	1998	\$2,000,000
0	C	14500	0110011 City of Livermore	01	Add two elevated storage reservoirs, associated piping and pump station to system.	1998	\$10,000
0	C	15495	4010001 ARROYO GRANDE, WATER DEPARTMENT	01	Analysis, design and construction of a mew water storage reservoir no.1	1998	\$2,095,300
0	C	16000	3710030 Riverview WD	04	Planning studies are required to completely define the problem. The purpose of this pre application is to establish priorities.	1998	\$175,000
0	C	16000	3710030 Riverview WD	02	Studies are required to completely define the problem.	1998	\$100,000
0	C	16000	3710030 Riverview WD	06	Planning studies are required to completely define the problem. The purpose of this pre application is to establish priorities.	1998	\$25,000
0	C	16000	3710030 Riverview WD	08	Planning studies are required to completely define the problem. The purpose of this pre application is to establish priorities.	1998	\$100,000
0	C	16000	3710030 Riverview WD	01	Planning studies are required to completely define the problem. The purpose of this pre application is to establish priorities.	1998	\$50,000
0	C	16000	3710030 Riverview WD	07	Planning studies are required to completely define the problem. The purpose of this pre application is to establish priorities.	1998	\$750,000
0	C	16000	3710030 Riverview WD	05	Planning studies are required to completely define the problem. The purpose of this pre application is to establish priorities.	1998	\$25,000
0	C	18000	1910073 LOMITA-CITY, WATER DEPT.	01	A water treatment plant to enable the city to use the well water is needed. (additional supporting detail will follow) Project involves: Design, and Construction	1999	\$1,000,000
0	C	18232	3410034 CUCC - Rosemont	03	Replace Montezuma well. Involves design and construction.	1998	\$600,000
0	C	18232	3410034 CUCC - Rosemont	01	Keifer Blvd/City of Sacramento interconnection. Involves design and construction.	1998	\$1,050,000
0	C	19734	3710026 Valley Center MWD	02	Construct pressure filtration plant.	2000	\$6,000,000
0	C	20259	3410029 SCWMD Laguna/Vineyard	01	Construct 72-inch, 140 million gallon pipeline and surface water treatment plant expansion.	1999	46,000,000
0	C	20259	3410029 SCWMD Laguna/Vineyard	02	Design and construct 72-inch, 140 million gallon pipeline and 100 mgd surface water treatment plant expansion.	1998	\$1,800,000
0	C	23410	5610016 CALIFORNIA WATER SERVICE CO - WESTL	01	Design and construct a booster station on the outlet of this reservoir	1999	\$235,000
0	C	24000	1910154 SOUTH PASADENA-CITY, WATER DEPT.	03	Install denitrification system. Project involves: Design to solve problem, and Construction	2000	\$1,800,000
0	C	24000	1910154 SOUTH PASADENA-CITY, WATER DEPT.	01	Replace reservoir roof. Project involves: Design to solve problem, and Construction	1999	\$450,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
0	C	24000	1910154 SOUTH PASADENA-CITY, WATER DEPT.	04	Install chlorination equipment, safety systems and chlorination buildings at Grand Reservoir. Project involves: Design, and Construction	1998	\$500,000
0	C	25427	1910204 LOS ANGELES CO WW DISTRICT 29 & 80-	09	REPLACEMENT OF WATER MAIN AND CONSTRUCTION OF A BOOSTER PUMP STATION TO REDUCE MAINTENANCE.	1999	\$1,250,000
0	C	25427	1910204 LOS ANGELES CO WW DISTRICT 29 & 80-	06	UPGRADE EXISTING BOOSTER STATION TO ELIMINATE FREQUENT MAINTENANCE.	2000	\$200,000
0	C	25427	1910204 LOS ANGELES CO WW DISTRICT 29 & 80-	19	CONSTRUCT A 1.6 MG RESERVOIR AT THE EXISTING SUNSET MESA TANK FARM SITE	2002	\$1,680,000
0	C	25427	1910204 LOS ANGELES CO WW DISTRICT 29 & 80-	12	INSTALL WATER MAINS TO IMPROVE FIRE PROTECTION AND IMPROVE OUR ABILITY TO FILL THE EXISTING WATER TANK.	1999	\$350,000
0	C	26075	3410010 CUCC - Suburban	04	Drill and equip well. Involves design and construction.	1998	\$530,000
0	C	26075	3410010 CUCC - Suburban	03	Booster station, tank and connecting mains. Involves design and construction.	1998	\$2,500,000
0	C	26075	3410010 CUCC - Suburban	02	US 50 overcrossing. Involves design and construction.	1998	\$250,000
0	C	26643	4010002 ATASCADERO MUTUAL WATER CO	02	Develop additional wells for new and replacement water supply.	1999	\$1,500,000
0	C	26643	4010002 ATASCADERO MUTUAL WATER CO	03	Water well recovery system, distribution, and blending facility.	2001	\$775,000
0	C	26800	4810001 City of Benicia	18	Miscellaneous projects to address the concerns listed in Attachment 1.	1998	\$59,000
0	C	26800	4810001 City of Benicia	14	Design and install a second pipeline to connect the WTP to the Lake Herman inlet pipeline, which allow operators to waste recycled plant flow to lake Herman while in use.	2002	\$1,310,000
0	C	26800	4810001 City of Benicia	13	Design and construction of 800 feet of 24 inch pipeline to replace the existing 14 inch pipeline.	2001	\$204,000
0	C	26800	4810001 City of Benicia	16	Perform a feasibility study to determine feasibility of project.	1998	\$150,000
0	C	28310	5610011 City of Santa Paula	09	Design, construct and inspect construction of new roof.	2000	\$500,000
0	C	29700	1510017 INDIAN WELLS VALLEY W.D.	01	SPREAD WELLFIELD OUT. OTHER - DESIGN AND CONSTRUCTION	1998	\$3,925,000
0	C	30310	3610003 APPLE VALLEY RANCHOS WC	11	Replace hypo units with chlorine generators	2000	\$200,000
0	C	30310	3610003 APPLE VALLEY RANCHOS WC	09	Replace hypo units with chlorine generators	1998	\$200,000
0	C	30310	3610003 APPLE VALLEY RANCHOS WC	12	Replace hypo units with chlorine generators	2001	\$200,000
0	C	30310	3610003 APPLE VALLEY RANCHOS WC	10	Replace hypo units with chlorine generators	1999	\$200,000
0	C	30310	3610003 APPLE VALLEY RANCHOS WC	07	Construct reservoir and booster system adjacent to well	1998	\$300,000
0	C	32000	1910028 CRESCENTA VALLEY CWD	03	Funding requested for a water distribution system pipeline replacement program that has been in place since 1994/95 for a portion from 1997/98 beyond. Project involves: Design, and Construction	1998	\$8,173,060
0	C	33765	4210016 CAL. CITIES - ORCUTT	04	Automate the system with auto dailer.	1998	\$50,000
0	C	33765	4210016 CAL. CITIES - ORCUTT	09	Automate the Evergreen Zone.	1998	\$30,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
0	C	33765	4210016 CAL. CITIES - ORCUTT	08	Install cathodic protection at two reservoirs, Orcutt Hill and Orcutt plant Reservoir	1998	\$25,000
0	C	33765	4210016 CAL. CITIES - ORCUTT	07	Install two industrial approved sample stations for TCR sampling.	1998	\$5,000
0	C	33765	4210016 CAL. CITIES - ORCUTT	05	Automate the Foxenwood zone system.	1998	\$30,000
0	C	33765	4210016 CAL. CITIES - ORCUTT	03	Implement a groundwater management plan.	1998	\$5,000
0	C	35154	3710021 San Dieguito WD	01	Back wash water secondary treatment (reclamation) and removal of accumulated solids in lake for taste and odor improvements.	1998	\$5,900,000
0	C	37670	4110025 North Coast County Water Dist	07	Phase 2 of project will place a liner inside main after phase 1 work is completed.	1999	\$350,000
0	C	37670	4110025 North Coast County Water Dist	06	Phase 1 system modifications will allow leaking main to be taken out of service	1998	\$75,000
0	C	38580	5610059 SOUTHERN CALIFORNIA WATER CO - SIMI	04	Study groundwater quality and quantity available in the area of the highest elevation. Results will be used to select a well site to provide emergency and alternative water supply of good water quality to this area.	1998	\$30,000
0	C	38580	5610059 SOUTHERN CALIFORNIA WATER CO - SIMI	03	Acquisition of property for the drilling of a well near Fitzgerald interconnection with Callegaus MWD will provide for the addition of future emergency and alternative water supply to the system. Overall water quality improvement by blending.	1998	\$150,000
0	C	38580	5610059 SOUTHERN CALIFORNIA WATER CO - SIMI	02	Provide an additional 2 MG of storage steel tank for emergency and peak supply.	1998	\$1,000,000
0	C	38580	5610059 SOUTHERN CALIFORNIA WATER CO - SIMI	01	Drill and equip a well at the Rebecca Plant to provide for future emergency and laternative water supply.	1998	\$450,000
0	C	38754	5610019 CAMARILLO WATER DEPT	01	Construct additional wells to provide provide redundancy and insuring system reliability.	1998	\$740,000
0	C	39000	4110023 City of San Bruno	01	Supply and installation of water meters and electronic "touch read" devices.	1998	\$830,300
0	C	39000	4110023 City of San Bruno	05	Detailed field inspection/survey to determine the magnitude of the problem. Sand blasting and recoating of the interior.	1998	\$120,000
0	C	39000	4110023 City of San Bruno	08	Construct storage facilities to expand storage capacity.	1998	10,200,000
0	C	40000	4410017 Soquel Creek Water District	07	Installation of a production well in sub-area III.	2002	\$1,000,000
0	C	40000	4410017 Soquel Creek Water District	09	Construct new production well at Top Sail Court.	1999	\$1,900,000
0	C	40000	4410017 Soquel Creek Water District	02	Install treatment and water softening equipment.	1998	\$1,100,000
0	C	40000	4410017 Soquel Creek Water District	08	Install La Selva Beach production well will provide additional water in sub-area IV.	2000	\$758,900
0	C	40000	4410017 Soquel Creek Water District	06	Install a multipe shallow well system to reduce localized groundwater demand and avoid using deeper waters.	2000	\$3,000,000
0	C	40000	4410017 Soquel Creek Water District	04	System needs a computer groundwater model to simulate groundwater basin yield.	1998	\$300,000
0	C	40000	4410017 Soquel Creek Water District	03	Upgrades to treatment plant--granular activated carbon filters, and water softening equipment.	1998	\$500,000
0	C	40000	4410017 Soquel Creek Water District	05	Purchase 40 acres and build a surface water treatment plant, reservoir, pipeline, and surface water intake/pump station off Soquel Creek.	2001	40,000,000



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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
0	C	40500	5610020 THOUSAND OAKS WATER DEPT	01	Construct a new larger reservoir to meet the current seismic codes and the standard for fire flow storage.	1998	\$1,000,000
0	C	42000	3410013 CUCC - Lincoln Oaks	03	Treelark wellhead treatment. Involves design and construction.	1998	\$450,000
0	C	42000	3410013 CUCC - Lincoln Oaks	07	Lincoln Oaks tank and booster station. Involves design and construction.	1998	\$1,800,000
0	C	42000	3410013 CUCC - Lincoln Oaks	02	Connect to Daly Ave main. Involves design and construction.	1998	\$160,000
0	C	42000	3410013 CUCC - Lincoln Oaks	06	Villaview wellhead treatment. Involves design and construction.	1998	\$450,000
0	C	42000	3410013 CUCC - Lincoln Oaks	04	Sandlewood wellhead treatment. Involves design and construction.	1998	\$450,000
0	C	42000	3410013 CUCC - Lincoln Oaks	05	Glass Slipper wellhead treatment. Involves design and construction.	1998	\$450,000
0	C	45000	3410021 San Juan Suburban Water District	06	Determine improvements/replacements to existing SCADA system and implement.	1998	\$900,000
0	C	45000	3410021 San Juan Suburban Water District	05	Reconstruction to replace or renovate the pipeline.	1998	\$940,000
0	C	45000	3410021 San Juan Suburban Water District	01	Improve suction sides and replace pumps.	1998	\$2,800,000
0	C	49000	3610036 CITY OF CHINO HILLS	04	Extend reclaimed line to mitigate demand for potable water	1998	\$850,000
0	C	49000	3610036 CITY OF CHINO HILLS	07	Construct reclaimed water reservoir R24	1998	\$1,125,000
0	C	49000	3610036 CITY OF CHINO HILLS	02	Extend reclaimed line to mitigate demand for potable water	1998	\$500,000
0	C	50820	3010079 El Toro Water District	02	Re-coating of reservoir	2002	\$400,000
0	C	50820	3010079 El Toro Water District	01	Re-coating of reservoirs	2001	\$1,000,000
0	C	50820	3010079 El Toro Water District	03	Pipeline replacement	2001	\$203,000
0	C	55000	2110003 North Marin Water District	06	Install control system improvements to provide early warning of power problems: Upper Wild Horse, Old Ranch Road, Eagle Drive, Bahia, and Garner.	1998	\$50,000
0	C	55000	2110003 North Marin Water District	12	Install blowoffs at all zone valves to facilitate flushing.	1999	\$120,000
0	C	55000	2110003 North Marin Water District	11	Chlorine booster stations. Stafford TP rehabilitation may impact need.	2000	\$35,000
0	C	55000	2110003 North Marin Water District	19	Construct a communication link between District offices and Novato emergency operations center.	2000	\$20,000
0	C	55000	2110003 North Marin Water District	10	Anodes, insulators, system modifications. Aqueduct, Atherton to Bahia, Bel Marin Keys.	1998	\$70,000
0	C	55000	2110003 North Marin Water District	07	Study leak/capacity, (98/99), construct new 1MG storage tank and new pump station.	1998	\$7,275,000
0	C	55000	2110003 North Marin Water District	08	Eliminate reducing station and install individual PRVs.	1998	\$90,000
0	C	55000	2110003 North Marin Water District	03	Design and construction of two (2) tanks for Zone 1.	1998	\$1,590,000
0	C	55000	2110003 North Marin Water District	13	UPGRADE TO DOUBLE CHECKS AS APPROPRIATE.	1999	\$100,000
0	C	55000	2110003 North Marin Water District	05	Recoating of storage tanks.	1998	\$1,065,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
0	C	55000	2110003 North Marin Water District	09	Upgrade or replace rank screens.	1998	\$25,000
0	C	55000	2110003 North Marin Water District	04	Study and implement appropriate strategies.	1998	\$10,000
0	C	55000	2110003 North Marin Water District	17	Modify pump stations per OSHA requirements.	1998	\$30,000
0	C	55000	2110003 North Marin Water District	18	Isolate Cherry Hill from plant water.	1999	\$50,000
0	C	55000	2110003 North Marin Water District	14	INSTALL ON LINE MONITORS FOR TURBIDITY, CHLORINE AND PH.	1999	\$25,000
0	C	55000	2110003 North Marin Water District	16	CALLE DE LA MESA PRESSURE RELIEF AND SUNSET REGULATOR UPGRADES.	1998	\$22,000
0	C	57000	1910194 ROWLAND WATER DISTRICT	01	Install Chloramine injection facilities and revamp common inlet-outlet reservoir piping. Project involves: Design to solve problem, and Construction	1998	\$3,250,000
0	C	58000	0110008 City of Pleasanton	04	Drill new well and construct all ancillary facilities to replace lost production.	1998	\$1,200,000
0	C	58000	0110008 City of Pleasanton	06	Construct various system interties and install valves to improve distribution.	1998	\$2,100,000
0	C	58000	0110008 City of Pleasanton	05	Replace polybutylene water services with polybutylene service pipe.	1998	24,000,000
0	C	58000	0110008 City of Pleasanton	02	Creat a looped water main system between turnout 5 and the City's existing 16" water main .	1998	\$700,000
0	C	58000	0110008 City of Pleasanton	03	Evaluate design and construct well head water softening facilities.	1998	15,000,000
0	C	66000	4110006 CALIFORNIA WATER SERVICE - BEAR GUL	01	treatment plant upgrades-Particle Counter SCADA system connection, and Precursor removal for Total Trihalomethane (THM) control.	1998	\$120,000
0	C	70500	2810003 Napa, City of	01	Rehabilitate or replace intake tower.	1998	\$700,000
0	C	72987	4310007 City of Mountain View	16	Design and construct upgraded system controls at three turnouts.	1998	\$130,000
0	C	72987	4310007 City of Mountain View	05	Removal of Bryant tank with system modifications.	1999	\$150,000
0	C	72987	4310007 City of Mountain View	04	Demolition and removal of pump station and reservoir.	1998	\$60,000
0	C	72987	4310007 City of Mountain View	09	Design and construct a replacement telemetry system.	1998	\$1,200,000
0	C	72987	4310007 City of Mountain View	10	Replace these smaller water system components and make minor unscheduled improvements.	1998	\$458,000
0	C	72987	4310007 City of Mountain View	12	Update urban water plan.	1998	\$45,070
0	C	74000	4210004 GOLETA WATER DISRICT	06	Construct a new reservoir in 230 Zone	1998	\$5,000,000
0	C	74000	4210004 GOLETA WATER DISRICT	08	Design and construct an alternative treatment method.	1998	\$150,000
0	C	74000	4210004 GOLETA WATER DISRICT	09	Repair damaged line and construct rip rap protection near creeks.	1998	\$150,000
0	C	74000	4210004 GOLETA WATER DISRICT	10	Recoat steel reservoir and reseal joints of concrete reservoirs.	1998	\$200,000
0	C	75000	3710037 Padre Dam MWD	01	Miscellaneous projects to remedy deficiencies as listed on the attached CIP plan.	1998	\$7,896,800
0	C	75000	3710037 Padre Dam MWD	05	Miscellaneous projects to remedy deficiencies as listed on the attached CIP plan.	2002	15,971,700

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
0	C	75000	3710037 Padre Dam MWD	06	Miscellaneous projects to remedy deficiencies as listed on the attached CIP plan.	1998	14,337,940
0	C	75000	3710037 Padre Dam MWD	02	Miscellaneous projects to remedy deficiencies as listed on the attached CIP plan.	1999	12,241,500
0	C	75000	3710037 Padre Dam MWD	03	Miscellaneous projects to remedy deficiencies as listed on the attached CIP plan.	2000	21,777,700
0	C	75000	3710037 Padre Dam MWD	04	Miscellaneous projects to remedy deficiencies as listed on the attached CIP plan.	2001	14,932,700
0	C	78120	3010064 City of Westminster	08	Replace aging water meters with "Touch Read" technology meters to improve accuracy and efficiency.	1998	\$2,368,814
0	C	78120	3010064 City of Westminster	05	Replace old electrical panels.	1998	\$88,000
0	C	78120	3010064 City of Westminster	12	Purchase 730 fire hydrants over a five year period to replace inoperable fire hydrants in the water system.	1998	\$511,000
0	C	85000	1910102 PALMDALE WATER DIST.	10	Construct piping and valving necessary to tie area into 3000' water system. Project involves: Design to solve problem and Construction	1998	\$100,000
0	C	85000	1910102 PALMDALE WATER DIST.	05	Construct carbon hopper and loading facility. Project involves: Design to solve problem, and Construction	1998	\$350,000
0	C	85000	1910102 PALMDALE WATER DIST.	02	Line 400,000 sq. ft. of unlined portions of Palmdale Ditch. Project involves: Design to solve problem, and Construction	1999	\$2,800,000
0	C	85000	1910102 PALMDALE WATER DIST.	09	Construct booster station at clearwell site to move water into 2800' and 2950' water systems. Project involves: Design to solve problem, and Construction	1998	\$1,500,000
0	C	85000	1910102 PALMDALE WATER DIST.	08	Construct new 6.0 MG clearwell. Project involves: Design to solve problem, and Construction	1998	\$1,800,000
0	C	87137	1910045 ANTELOPE VALLEY-EAST KERN WATER AGE	03	PROVIDE CHLORINE SCRUBBERS TO 3 LOCATIONS.	1998	\$300,000
0	C	1E+05	3310037 Corona - City of	01	Desalination	1998	30,000,000
0	C	1E+05	5610017 VENTURA WATER DEPARTMENT	03	Drill new well in Mound Basin and treat at Bailey Plant.	1998	\$1,400,000
0	C	1E+05	5610017 VENTURA WATER DEPARTMENT	04	Build new 2.1 MG reservoir in 260 Zone	1998	\$4,800,000
0	C	1E+05	5610017 VENTURA WATER DEPARTMENT	06	Design and build 1.0 MG reservoir	1998	\$2,000,000
0	C	1E+05	5610017 VENTURA WATER DEPARTMENT	08	Construct transmission main from 210 zone to 430 zone.	1999	\$3,200,000
0	C	1E+05	5610017 VENTURA WATER DEPARTMENT	07	Build 1600 LF of 14 inch pipeline and a 0.90 MG reservoir.	1999	\$1,600,000
0	C	1E+05	5610017 VENTURA WATER DEPARTMENT	02	Expand existing plant from 4 MGD to 8 MGD and drill/install new well.	1998	\$4,000,000
0	C	1E+05	5610017 VENTURA WATER DEPARTMENT	05	Construct two 2 MG reservoirs and new pipeline.	1998	\$6,500,000
0	C	1E+05	0110006 City of Hayward	13	Install emergency well.	1998	\$1,305,000
0	C	1E+05	0110006 City of Hayward	17	Construct new pressure reducing valve station to better dist. Flow within district system.	1998	\$16,000
0	C	1E+05	0110006 City of Hayward	15	Install emergency well.	1998	\$1,293

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
0	C	1E+05	0110006 City of Hayward	19	Connect emergency well system to 42' aquaduct.	1998	\$50,000
0	C	1E+05	0110006 City of Hayward	20	Improve connection to the SFWD aquaduct.	1998	\$100,000
0	C	1E+05	0110006 City of Hayward	21	Refurbish and upgrade Decoto booster pump station.	1998	\$990,000
0	C	1E+05	0110006 City of Hayward	01	Replace existing 4" mains with 6" mains.	1998	\$6,000,000
0	C	1E+05	0110006 City of Hayward	22	construct new 18' water main between reservoirs.	1998	\$529,000
0	C	1E+05	0110006 City of Hayward	05	Replace main	1998	\$325,000
0	C	1E+05	0110006 City of Hayward	02	Replace main.	1998	\$753,000
0	C	1E+05	0110006 City of Hayward	14	Procure intertie pumps to use in the event of an emergency.	1998	\$275,000
0	C	1E+05	0110006 City of Hayward	16	Modify existing water mains and install two 100 HP turbine pumps.	1998	\$410,000
0	C	1E+05	0110006 City of Hayward	12	Install well, rehab well and construction of pump stations for both.	1998	\$1,263,000
0	C	1E+05	0110006 City of Hayward	11	Install emergency generators.	1998	\$265,000
0	C	1E+05	0110006 City of Hayward	09	Replace 6" cast iron pipe.	1999	\$145,000
0	C	1E+05	0110006 City of Hayward	03	Loop dead end mains to improve circulation for anticipated chloramination.	1998	\$190,000
0	C	1E+05	0110006 City of Hayward	18	Construct permanent chlorine recirculation system for reservoir,	1998	\$292,000
0	C	1E+05	0110006 City of Hayward	07	Refurbish tanks and equipment.	1999	\$550,000
0	C	1E+05	0110006 City of Hayward	08	Replace water existing 4" mains with 6" mains.	1999	\$155,000
0	C	1E+05	0110006 City of Hayward	04	replace main	1998	\$1,291,000
0	C	1E+05	0110006 City of Hayward	06	Replace main	1998	\$461,000
0	C	1E+05	1910041 THREE VALLEYS MWD	01	INSTALL A REGIONAL NITRATE REMOVAL PLANT.	1998	\$5,000,000
0	C	1E+05	1910126 POMONA- CITY, WATER DEPT.	01	REPLACE PRIORITY "1" AND "2" LINES AS IDENTIFIED FROM THE 1992 WATER MASTERPLAN	1998	21,750,000
0	C	1E+05	1910126 POMONA- CITY, WATER DEPT.	04	CONSTRUCT A 3.5 MG CIRCULAR CONCRETE RESERVOIR (RESERVOIR 9C)	1998	\$1,980,000
0	C	2E+05	2110002 Marin Municipal Water District	03	Install an air compressor at Alpine Lake to eliminate or control the problems.	1999	\$250,000
0	C	2E+05	3010053 City of Huntington Beach	02	To provide cathodic protection of all applicable metallic pipelines in the City.	1998	\$5,000,000
0	C	2E+05	0710003 Contra Costa Water District	11	Construction of a parallel seismically sound pipeline and pump station/	1998	12,100,000
0	C	2E+05	0710003 Contra Costa Water District	14	Construct a new intake 7 miles south of the existing intake.	1998	21,000,000
0	C	2E+05	0710003 Contra Costa Water District	05	Remove and dispose of existing caulking from 10 treated water reservoirs and replace with new caulking.	1998	\$2,050,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
0	C	2E+05	0710003 Contra Costa Water District	13	two pipelines will be retrofitted with new encased at the crossing locations.	1998	\$3,200,000
0	C	2E+05	0710003 Contra Costa Water District	10	Construct an in-line sedimentation basin near intake.	1998	\$1,000,000
0	C	2E+05	0710003 Contra Costa Water District	09	Relocate the drainage discharge	1998	\$3,500,000
0	C	2E+05	0710003 Contra Costa Water District	04	Construct an additional sedimentation basin and replace flocculation turbines.	1998	\$6,700,000
0	C	2E+05	0710003 Contra Costa Water District	12	Install culverts at two high potential slide locations and perform earthwork at one.	1998	\$1,800,000
0	C	8E+05	3810001 SF Public Utilities Commission	76	Sanitary Survey	1998	\$110,000
0	C	8E+05	3810001 SF Public Utilities Commission	08	Build a fifth pipeline in existing city right of way from Irvington Portal to Pulgas Tunnel. Perform study of pipeline route.	1998	95,000,000
0	C	8E+05	3810001 SF Public Utilities Commission	75	Watershed management	1998	\$1,465,750
0	C	8E+05	3810001 SF Public Utilities Commission	80	Connect the Palo Alto Pipeline, including the Redwood City Service, to Bay Division Pipelines Nos. 1 and 2 west of valves A60 and B 60.	2000	\$641,501
0	C	8E+05	3810001 SF Public Utilities Commission	79	Replace manual valves with automated/motorized valves	2000	\$3,780,000
0	C	8E+05	3810001 SF Public Utilities Commission	78	Preparation of standard procedures, planning, design, and installation of cathodic protection system to minimize or elinubate corrosion.	2000	\$2,000,000
0	C	8E+05	3810001 SF Public Utilities Commission	110	Install small propane generators and upgrade UPS for backup at baden Pump Station. East Portal and Casey Quarry.	2000	\$350,000
0	C	8E+05	3810001 SF Public Utilities Commission	109	Provide Baden Pump Station with standby power, seismic retrofit, fire protection and security access.	2000	\$7,995,000
0	C	8E+05	3810001 SF Public Utilities Commission	108	Install two throttling stations on Pipeline #2 downstream from Oakdale Portal.	2000	\$1,973,000
0	C	8E+05	3810001 SF Public Utilities Commission	107	Provide chlorine monitoring of the Hetch Hetchy aqueduct supply in the Coast Range Tunnel, storage and transmit the monitoring data to appropriate Water Supply and Treatment facilities.	2000	\$222,000
0	C	8E+05	3810001 SF Public Utilities Commission	106	Replace R60 at San Pedro Valve Lot.	2000	\$850,000
0	C	8E+05	3810001 SF Public Utilities Commission	26	DETERMINE NEED FOR MODIFICATIONS TO THE INLET/OUTLET PIPING TO ASSURE ADEQUATE MIXING TO ALLEVIATE WATER QUALITY PROBLEMS AND TO ENHANCE OPERATION AT EACH RESERVOIR.	1998	10,000,000
0	C	8E+05	3810001 SF Public Utilities Commission	105	Replace or repair the deteriorated trestles.	2000	\$125,733
0	C	8E+05	3810001 SF Public Utilities Commission	04	Provide cleaning of exposed reinforcing steel and patching of concrete where needed.	1998	\$1,368,000
0	C	8E+05	3810001 SF Public Utilities Commission	09	Upgrade four Bay Division pipelines at Hayward fault, so that they can withstand an earthquake of Richter magnitude 7 or greater.	1998	67,050,000
0	C	8E+05	3810001 SF Public Utilities Commission	82	Construct about 4500 LF of 84 inch steel pipeline adjacent to existing prestressed pipeline. Addition of this line will allow WD additional operational felxibility.	2000	\$4,025,000
0	C	8E+05	3810001 SF Public Utilities Commission	72	A watershed management plan will be developed.	1998	\$2,000,000
0	C	8E+05	3810001 SF Public Utilities Commission	77	Sanitary Survey	1999	\$110,000
0	C	8E+05	3810001 SF Public Utilities Commission	54		1998	\$775,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
0	C	8E+05	3810001 SF Public Utilities Commission	68	1). Westside basin groundwater mgmt; 2). Lake Merced lake level mgmt; 3). Salt water intrusion monitoring; 4). GG Park and zoo well installation and development; 5). West Basin water supply 6). Lobos Basin invest.	1998	18,000,000
0	C	8E+05	3810001 SF Public Utilities Commission	50	Thoroughly analyze the performance of the plant to identify unit processes which limits the plant's capability for extended periods of time.	1998	27,000,000
0	C	8E+05	3810001 SF Public Utilities Commission	66	Obtain property for the new reservoir; Construct new 500,000 gallon reservoir including all necessary connection piping and ancillary facilities.	1998	\$4,060,000
0	C	8E+05	3810001 SF Public Utilities Commission	30	INSTALL TWO CONTROL VALVES ON EACH PIPELINE AT THE PULGAS VALVE LOT. INSTALL A BYPASS AROUND INDIVIDUAL VALVES TO REGULATE LOW FLOWS.	1998	\$775,000
0	C	8E+05	3810001 SF Public Utilities Commission	71	Conduct an assessment of the watershed (that is annual sanitary surveys, GIS database, monitoring programs).	1998	\$500,000
0	C	8E+05	3810001 SF Public Utilities Commission	57	Replace 2 out of 12 tanks at Sunol Valley Water Treatment Plant and HTWTP; Provide standby electric power at disinfection monitoring stations. Provide a deep well water quality monitoring stations at Thomas Shaft.	1998	12,800,000
0	C	8E+05	3810001 SF Public Utilities Commission	16	RELOCATE PUMP STATION INCLUDING REPLACEMENT OF NECESSARY PUMP, STANDBY POWER AND PIPING. FIND A NEW LOCATION FOR PUMP.	1998	\$2,500,000
0	C	8E+05	3810001 SF Public Utilities Commission	22	INVESTIGATE EXISTING SYSTEM AND DEVELOP LISTING OF MOST VIABLE CANDIDATES FOR MORTAR LINING. REPLACE, REPAIR, AND RELINE OF THE MORTAR AND FEEDER MAINS.	1998	\$540,000
0	C	8E+05	3810001 SF Public Utilities Commission	05	Remove existing deteriorated coal tar/mortar coating and apply new protective coating. Repair leaky expansion joints.	1998	\$350,000
0	C	8E+05	3810001 SF Public Utilities Commission	103	Study the drainage and erosion issues. Develop baseline information and recommend permanent low maintenance solutions which include: tree removal retaining walls, erosion control mesh, the installation of a hillside drainage system and reconfigur.	2000	\$9,360,000
0	C	8E+05	3810001 SF Public Utilities Commission	07	Replace BDPL # 1 with new welded steel pipe from Irvington Portal to Pulgas Portal.	1998	25,000,000
0	C	8E+05	3810001 SF Public Utilities Commission	83	Add 3 variable frequency drives for each 125 HP decant pumps at SVWTP. Install Programmable Logic Controller to sequence pumps relative to flow of water from decant lagoon to decant pump. Convert existing manually operated valve to motor valve.	2000	\$574,000
0	C	8E+05	3810001 SF Public Utilities Commission	70	Conduct watershed assessment.	1998	\$250,000
0	C	8E+05	3810001 SF Public Utilities Commission	27	PROVIDE REDUNDANT CONNECTION OF PALO ALTO PIPELINE, INCLUDING REDWOOD CITY SERVICE TO BAY DIVISION PIPELINES #1 AND #2.	1998	\$334,000
0	C	8E+05	3810001 SF Public Utilities Commission	81	The problem is in the process of being analyzed and remedial measures will be taken to reduce the risk of damage from slope failure thereby protecting the pipeline from damage.	2000	\$460,000
0	C	8E+05	3810001 SF Public Utilities Commission	100	Develop a facilities master plan to implement new water supplies in the SFPUC delivery system, and to integrate the facilities plan with ongoing SFPUC capital planning efforts.	2000	\$1,500,000
0	C	8E+05	3810001 SF Public Utilities Commission	101	Conduct a study to define criteria for chemical types, doses, methods of addition and site selection. Construction drawings and specifications will be developed from these recommendations. The facility will then be built according to these drawings	2000	\$1,000,000
0	C	8E+05	3810001 SF Public Utilities Commission	102	The facility will be constructed according to the construction documents.	2000	\$650,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
0	C	8E+05	3810001 SF Public Utilities Commission	39	Develop master plan. Design of SCADA system covering the high priority remote site identified in the master plan.	1998	26,046,275
0	C	8E+05	3810001 SF Public Utilities Commission	98	Repair and replace the existing transmission main lines and bypass valves.	2000	\$715,000
0	C	8E+05	3810001 SF Public Utilities Commission	34	Renew all old, obsolete and inadequate services in the city.	1998	34,760,000
0	C	8E+05	3810001 SF Public Utilities Commission	97	Provide a concrete lining in sections of the canal to eliminate turbidity and the potential contamination of the Mocassin Reservoir. In addition, concrete repairs will be made to the Mocassin Powerhouse where erosion has occurred.	2000	\$1,160,000
0	C	8E+05	3810001 SF Public Utilities Commission	29	REVIEW AND DESIGN PRESSURE CARRYING CAPACITY.	1998	\$28,700
0	C	8E+05	3810001 SF Public Utilities Commission	23	REPAIR AND REPLACE EXISTING DOORS, TUNNEL AND ACCESS ROADS.	1998	\$9,980,000
0	C	8E+05	3810001 SF Public Utilities Commission	47	exercise approximately 10 percent of the 15,500 gate valves each each year; determine if a particular valve needs to be repaired or replaced.	1998	15,000,000
0	C	8E+05	3810001 SF Public Utilities Commission	15	Study capacity increase, existin piping and valving arrangement which is aging and poses certain operational difficulties.	1998	32,000,000
0	C	8E+05	3810001 SF Public Utilities Commission	45	Replace the plastic water mains with ductile iron piping. Reconfigure some of the existing network of water mains to compartmentalize the Treasure Island system.	1998	35,000,000
0	C	8E+05	3810001 SF Public Utilities Commission	18	CONSTRUCT AN ENTIRE NEW INFRASTRUCTURE OF 8", 12", AND 16" DUCTILE IRON MAINS IN A PHASED PROGRAM CONSISTENT WITH PROPOSED DEVELOPMENT.	1998	15,000,000
0	C	8E+05	3810001 SF Public Utilities Commission	35	Survey and recommend which pumps, motors and starters that can be used in more than one location. Replace identified trols, and valves that allow hydro-pneumatic pump stations.	1998	\$968,000
0	C	8E+05	3810001 SF Public Utilities Commission	91	A new pump station will meet the CDD's standards for reliability and efficiency. The station will be equipped with back-up pumps, emergency power and SCADA compatability.	2000	\$6,830,000
0	C	8E+05	3810001 SF Public Utilities Commission	84	Develop a testing plan for the evaluation of various operational plans.	2000	\$1,070,000
0	C	8E+05	3810001 SF Public Utilities Commission	85	Upgrades covered in this project are: roof repair, expansion joint replacement, painting coating paving, and tank replacement. This project will lead to improvements in water quality operations and emergency operation benefits.	2000	47,977,000
0	C	8E+05	3810001 SF Public Utilities Commission	86	This project involves conceptual engineering hydraulic modeling, physical modeling, detail design and construction.	2000	14,230,000
0	C	8E+05	3810001 SF Public Utilities Commission	87	Develop the in-house capability to analyze the transmission and distribution flows throughout the system.	2000	\$640,000
0	C	8E+05	3810001 SF Public Utilities Commission	88	Modify the piping and valving at the San Antonio Pump to further increase the flexibility of operations and maintenance.	2000	\$1,114,000
0	C	8E+05	3810001 SF Public Utilities Commission	99	Replace those pipes that are in corroded condition.	2000	\$1,551,846
0	C	8E+05	3810001 SF Public Utilities Commission	90	Outer reaches of Sunset zone can be eliminated, a freeboard of 10-25 feet at the Sunset Reservoir could be utilized to improve water circulation and reduce the accumulation of THM'S.	2000	\$4,250,000
0	C	8E+05	3810001 SF Public Utilities Commission	104	Will address obvious seismic hazards at San Antonio Pump Station. Improvements will include suspended tanks and duct work, retrofit of pump switchgear, generator and compressor anchorages and installation of flexible couplings.	2000	\$2,000,000

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Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
0	C	8E+05	3810001 SF Public Utilities Commission	92	Provide for a study of all in-city reservoirs to determine the need for modifications to the inlet/outlet piping.	2000	\$2,859,000
0	C	8E+05	3810001 SF Public Utilities Commission	93	Construct, replace or extend feeder mains/distribution mains.	2000	00,000,000
0	C	8E+05	3810001 SF Public Utilities Commission	94	Conduct chemical studies and recommend capital improvements.	2000	\$914,375
0	C	8E+05	3810001 SF Public Utilities Commission	95	Address the need to design and construct water quality improvements will allow for the unimpeded operation of Moccasin Reservoir as a balancing forebay for the Foothill Tunnel. Detail design for Cherry Rock Trap Cleaning.	2000	\$2,293,939
0	C	8E+05	3810001 SF Public Utilities Commission	96	Upgrade the Calaveras Potassium Permanganate facility which is upstream of the SVWTP.	2000	\$2,069,000
0	C	8E+05	3810001 SF Public Utilities Commission	89	Provide the necessary facilities to support the SCADA project by adding telemetry to the pump station which will be tied into the Lake Merced Pump Station . Construct a pump station to provide adequate supply to each of the In-City Reservoirs.	2000	12,775,000
0	C	9E+05	4310011 San Jose Water Company	05	Install 125 dedicated, lockable sampling stations.	1998	\$375,000
0	C	9E+05	4310011 San Jose Water Company	01	Install hypochlorinators at 12 additional wellfields.	1998	\$1,500,000
0	C	1E+06	0110005 East Bay MUD	04	Modifications of standard regulators to improve the reliability of the distribution system.	1998	\$3,288,000
0	C	1E+06	0110005 East Bay MUD	15	Rebuild filters and underdrain systems to correct problems associated with poor surface water filtration at Orinda WTP.	1998	\$1,700,000
0	C	1E+06	0110005 East Bay MUD	02	Purchase and install combination meter/backflow devices for residential customers that have wells and also purchase backflow prevention devices for hydrant meters used by contractors obtaining water during construction.	1998	\$1,338,000
0	C	1E+06	0110005 East Bay MUD	09	Ongoing project to inspect, recoat, and rehabilitate two to three distribution system steel reservoirs per year.	1998	12,900,000
0	C	1E+06	0110005 East Bay MUD	03	Replace deteriorating distribution pipelines.	1998	31,600,000
0	C	1E+06	0110005 East Bay MUD	16	Replace Redwood tanks which have historically been sources of high bacterial concentrations with steel tanks. Install reservoir sampling and on-site treatment/disinfection facilities. Install chlorine residual and conductivity monitoring system.	1998	\$8,800,000
0	C	1E+06	0110005 East Bay MUD	14	Add the following; 1. Chlorine residual, 2. Particle counting, 3. Water temperature, 4. Connectivity.	1998	\$1,000,000
0	C	1E+06	0110005 East Bay MUD	12	Replacement of approximately 10,000 feet 60-inches in diameter, from San Pablo reservoir to Sobrante reservoir,.	1998	\$7,470,000
0	C	1E+06	0110005 East Bay MUD	06	Modification of substandard pumping plants to improve the reliability of the distribution system.	1998	\$2,179,000
0	C	1E+06	0110005 East Bay MUD	05	CLAREMONT CENTER IMPROVEMENTS UPGRADE PUMPING FACILITIES, REPLACE OLD ELECTRICAL EQUIPMENT AND PUMPS.	1998	11,500,000
0	P	0	4300937 Field Sports Park/Mariposa Lodge/Co	01	Construct structure at well site and install meters to FSP and Mariposa.	1998	\$8,000
0	P	60	1503256 TOT TOWN CHRISTIAN PRESCHOOL	01	CONSOLIDATE WITH CALIFORNIA WAER SERVICE	1998	\$10,000
0	P	300	4100538 SAN FRANCISCO YMCA-JONES GULCH	01	Drill a new well to increase the recovery time and volume of the system.	1998	\$20,000



SRF Category: O

Bonus	Type	Pop	System # and Name	Pre-App	Project Description	FY	Cost
0	P	350	3400254 Dillard Elementary School	01	Replace and streamline plumbing. Replace backflow prevention device.	1998	\$12,500
0	N	0	4300737 Joseph Grant County Park	01	Install water meters in system.	1998	\$3,500
0	N	0	4300616 Uvas Canyon County Park	02	Install water meters in system.	1998	\$3,500
0	N	0	4300612 Mt. Madonna County Park	01	Install two water meters at wells.	1998	\$3,500
0	N	25	4000692 PETE JOHNSTON CHEVROLET	01	Replace tanks, replace well liner and install ozone system	1998	\$9,585
0	N	50	3400299 HOGBACK ISLAND FISHING ACCESS	01	Construct new chlorine treatment unit.	1998	\$10,000
0	N	50	3400123 ELKHORN BOAT LAUNCHING	01	Replace existing chlorination system.	1998	\$5,000
0	N	100	3400398 South East Florin County Park	01	Construct new Hypochlorite treatment system and upgrade for potable water use.	1998	\$5,000
0	N	100	3400297 GIBSON RANCH COUNTY PARK	01	Upgrade wells' double check valves, install new backflow preventers, and replace chlorine gas treatment to liquid Hypochlorite treatment.	1998	\$25,000
0	N	150	1000060 MUSIC MEADOW ONE	01	POSSIBLE DEVELOPMENT OF ADDITIONAL SOURCE CAPACITY IN THE FUTURE.	1999	\$25,000
0	N	250	3600534 DE BENNEVILLE PINES INC	02	Refinance reservoir repairs	1998	\$15,000
0	N	300	1000051 HUNTINGTON PINES MUTUAL	01	DRILL SECOND WELL FOR BACK-UP. DISCONNECT WELLS TO DISTRIBUTION SYSTEM AND CONNECT THEM TO THE STORAGE TANK	1998	\$35,000
0	N	300	1000058 MUSICK CREEK TRACT	03	INSTALL A SEPARATE INLET PIPE FROM THE WELLS TO THE STORAGE TANKS.	2001	\$50,000
0	N	300	1000058 MUSICK CREEK TRACT	02	CONSTRUCT A 80,000 GALLON STORAGE TANK.	2000	\$60,000
0	N	3E+05	1900008 BIG ROCK CREEK CAMP WATER SYSTEM	01	FUNDS WOULD BE USED TO MAKE SYSTEM OPERATIONAL.	1998	\$450,000

Total Projects for 'Category' = O (984 Projects)

Total Projects in SRF Project Priority List = (3499 Projects)

Total Costs for Category: \$2,447,009,877

Grand Total \$7,660,538,087